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INDUSTRY CLASSIFICATIONS
FOR THE
CENSUS OF MANUFACTURES
1931

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON, D. C.



U. S. DEPARTMENT OF COMMERCE

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INDUSTRY CLASSIFICATIONS

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INDUSTRY CLASSIFICATIONS

FOR THE

CENSUS OF MANUFACTURES, 1931

The classification of reports for manufacturing establishments consists in the assignment of each to the particular industry to which it belongs in order to bring together, so far as practicable, data for all establishments engaged in the same or in kindred industries.

The assignment of a report to a specific industry is determined by the character of the product or class of products of chief value. This rule is occasionally disregarded, however, in order to avoid classifying an individual establishment in one industry at one census and in another at the next. To illustrate: In 1929 a certain establishment may have manufactured two general classes of products, one of which contributed 55 per cent and the other 45 per cent of its total value of products; but for 1931 these percentages might be reversed, the predominant class of products for 1929 becoming the secondary class for 1931. In such a case as this, in order to make the statistics for 1931 as nearly comparable as possible with those for preceding censuses, the establishment is classified in the same industry for 1931 as for 1929, unless it appears probable that the change is permanent in character.

The number of industry classifications recognized at the census for 1929 was 331. In a number of cases, however, certain classifications appearing separately in "Industry Classifications for the Census of Manufactures, 1929," were combined in the published reports, and one new classification was added, so that only 326 industries are shown as such in the final report for 1929. At the census for 1931 several of the former industries have been abandoned, some have been consolidated with others in the same groups, and a few new industry classifications have been established. (See "Changes in classifications and in industry titles," p. 55.) The number of classifications now recognized is 317. The industries are listed alphabetically within each group and numbered from 101 in Group 1, 201 in Group 2,

and so on. Thus the first figure of a 3-digit number or the first two figures of a 4-digit number indicate the group number.

The work of analyzing and compiling the data and preparing the statistics for the 16 *industry groups* is handled in the division of manufactures by 6 *office groups*, and it has therefore been necessary, except in the case of Office Group 1, to assign 2 or more of the 16 industry groups, in whole or in part, to each office group. The following statement shows the assignment of industry groups to office groups:

Wildman **Office Group 1:**

Industry Group 1, complete.

Leck **Office Group 2:**

Industry Group 2, complete.

Industry Group 9, except 907.

Industry Group 16—1615, 1616, 1619.

Sawyer **Office Group 3:**

Industry Group 11, complete.

Industry Group 12, complete.

Industry Group 13, complete.

Industry Group 14—1405, 1406, 1410.

Industry Group 15, complete.

Ralle **Office Group 4:**

Industry Group 3, complete.

Industry Group 4, complete.

Industry Group 16—1624.

Reid **Office Group 5:**

Industry Group 6, complete.

Industry Group 7, complete.

Industry Group 8, complete.

Industry Group 9—907.

Industry Group 10—1002, 1004, 1008, 1013, 1017, 1018.

Fuller **Office Group 6:**

Industry Group 5, complete.

Industry Group 10, except 1002, 1004, 1008, 1013, 1017, 1018.

Industry Group 14, except 1405, 1406, 1410.

Industry Group 16, except 1615, 1616, 1619, 1624.

INDUSTRIES—ALPHABETICAL LIST

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
1021	*Abrasive wheels, stones, paper, and cloth, and related products.
1301	*Agricultural implements.
1401	*Aircraft and parts.
601	Alcohol, ethyl, and distilled liquors.
1201	*Aluminum manufactures.
602	*Ammunition and related products.
1601	Artificial and preserved flowers and plants.
201	*Artificial leather.
1602	<i>Artificial limbs. Abandoned prior to the publication of the 1929 report. See "Surgical and orthopedic appliances, and related products."</i>
1603	Artists' materials.
1001	*Asbestos products, other than steam packing and pipe and boiler covering.
202	*Asphalted-felt-base floor covering.
203	Awnings, tents, sails, and canvas covers.
204	Bags, other than paper, not made in textile mills.
401	*Bags, paper, exclusive of those made in paper mills.
603	*Baking powders, yeast, and other leavening compounds.
301	*Baskets and rattan and willow ware, not including furniture.
901	*Belting, leather.
205	Belting other than leather and rubber, not made in textile mills.
101	*Beverages.
302	*Billiard and pool tables, bowling alleys, and accessories.
604	Blacking, stains, and dressings.
1110	*Blast furnaces.
605	Bluing.
1101	*Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.
606	*Bone black, carbon black, and lampblack.
501	*Bookbinding and blank-book making.
902	Boot and shoe cut stock, not made in boot and shoe factories.
903	*Boot and shoe findings, not made in boot and shoe factories.
904	*Boots and shoes, other than rubber.
801	*Boots and shoes, rubber.
303	*Boxes, cigar, wooden.
402	*Boxes, paper, not elsewhere classified.
304	*Boxes, wooden, except cigar boxes.
102	*Bread and other bakery products.
1604	*Brooms.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.

INDUSTRY

- 1605 *Brushes, other than rubber.
- 103 *Butter.
- 1606 *Buttons.
- 607 Candles.
- 104 *Canning and preserving: Fish, crabs, shrimps, oysters, and clams.
- 105 *Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.
- 1501 *Car and general construction and repairs, electric-railroad repair shops.
- 1502 *Car and general construction and repairs, steam-railroad repair shops.
- 1607 *Carbon paper and inked ribbons.
- 403 *Cardboard, not made in paper mills.
- 404 *Card cutting and designing.
- 206 Carpets and rugs, rag.
- 207 *Carpets and rugs, wool, other than rag.
- 1402 Carriage, wagon, sleigh, and sled materials, made for sale as such.
- 1403 *Carriages and sleds, children's.
- 1404 *Carriages, wagons, sleighs, and sleds.
- 1405 *Cars, electric and steam railroad, not built in railroad repair shops.
- 1302 *Cash registers, adding machines, and calculating machines.
- 305 *Caskets, coffins, burial cases, and other morticians' goods.
- 1102 *Cast-iron pipe and fittings.
- 1002 *Cement.
- 106 *Cereal preparations.
- 107 *Cheese.
- 608 *Chemicals, not elsewhere classified.
- 108 *Chewing gum.
- 1003 China firing and decorating, not done in potteries.
- 109 *Chocolate and cocoa products, not including confectionery.
- 1608 *Cigars and cigarettes.
- 1004 *Clay products (other than pottery) and nonclay refractories.
- 609 *Cleaning and polishing preparations.
- 1202 *Clocks, watches, and materials and parts, except watch-cases; time-recording devices and time stamps.
- 208 *Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.
- 209 Clothing, men's, buttonholes.
- 210 *Clothing, women's, not elsewhere classified.
- 211 *Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.
- 212 Cloth sponging and refinishing.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
110	*Coffee and spice, roasting and grinding.
701	*Coke, not including gas-house coke.
1203	*Collapsible tubes.
213	*Collars, men's.
1609	Combs and hairpins, not made from metal or rubber.
610	*Compressed and liquefied gases.
1005	*Concrete products.
111	*Condensed and evaporated milk.
112	*Confectionery.
306	*Cooperage.
1204	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.
214	*Cordage and twine.
307	*Cork products.
113	*Corn sirup, corn sugar, corn oil, and starch.
215	*Corsets and allied garments.
216	*Cotton goods.
217	*Cotton small wares.
1006	<i>Crucibles. Abandoned as a separate industry classification. See "Clay products (other than pottery) and nonclay refractories."</i>
1103	*Cutlery (not including silver and plated cutlery) and edge tools.
1610	<i>Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies. Abandoned as a separate industry classification. Included in Nos. 115, 314, 320, 1123, 1204, and others.</i>
1611	*Dentists' supplies and equipment, except instruments.
1104	*Doors, shutters, and window sash and frames, molding and trim, metal.
611	*Druggists' preparations.
612	Drug grinding.
1677	*Dyeing and cleaning establishments.
218	Dyeing and finishing textiles.
1303	*Electrical machinery, apparatus, and supplies.
1205	Electroplating.
219	*Embroideries.
1007	<i>Emery wheels and other abrasive and polishing appliances. Abandoned as a separate industry classification. See "Abrasive wheels, stones, paper, and cloth, and related products."</i>
1304	*Engines, turbines, tractors, water wheels, and windmills.
502	Engravers' materials.
503	Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.
504	*Engraving, steel and copperplate, and plate printing.
505	Engraving, wood.
405	*Envelopes.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.

INDUSTRY

- 308 *Excelsior.
- 613 *Explosives.
- 1612 Fancy and miscellaneous articles, not elsewhere classified.
- 1613 Feathers, plumes, and manufactures thereof.
- 114 *Feeds, prepared, for animals and fowls.
- 220 *Felt goods, wool, hair, or jute.
- 614 *Fertilizers.
- 1105 *Files.
- 1106 *Firearms.
- 1206 Fire extinguishers, chemical.
- 615 Fireworks.
- 221 Flags and banners.
- 115 *Flavoring extracts and flavoring sirups.
- 222 Flax and hemp, dressed.
- 116 *Flour and other grain-mill products.
- 117 *Food preparations, not elsewhere classified.
- 1107 Forgings, iron and steel, not made in plants operated in connection with steel works or rolling mills.
- 1305 *Foundry and machine-shop products, not elsewhere classified.
- 1614 Foundry supplies.
- 702 Fuel: Briquettes.
- 1615 *Fur goods.
- 223 *Furnishing goods, men's, not elsewhere classified.
- 309 *Furniture, including store and office fixtures.
- 1616 Furs, dressed.
- 1108 Galvanizing and other coating, not done in plants operated in connection with rolling mills.
- 1207 *Gas and electric fixtures; lamps, lanterns, and reflectors. Title changed. See "Lighting equipment."*
- 1306 *Gas machines, gas meters, and water and other liquid meters.
- 703 *Gas, manufactured, illuminating and heating.
- 1008 *Glass.
- 1009 *Glass cutting, staining, and ornamenting. Prior to the publication of the 1929 report, title changed to "Glass products (except mirrors) made from purchased glass." For 1931, combined with "Mirrors, framed and unframed." See "Mirrors and other glass products made of purchased glass."*
- 224 *Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.
- 905 *Gloves and mittens, leather.
- 616 *Glue and gelatin.
- 1208 *Gold leaf and foil.
- 1209 Gold, silver, and platinum, reducing and refining, not from the ore.
- 1010 Graphite, ground and refined.
- 617 *Grease and tallow, not including lubricating greases.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
1011	<i>Grindstones, pulpstones, and millstones. Abandoned. Considered a quarrying operation.</i>
225	Hairecloth.
1617	Hair work.
226	*Handkerchiefs.
1618	Hand stamps and stencils and brands.
1109	*Hardware not elsewhere classified.
227	Hat and cap materials, men's.
228	*Hats and caps, except felt and straw, men's.
229	*Hats, fur-felt.
1619	*Hats, straw, men's.
230	*Hats, wool-felt.
1012	<i>Hones, whetstones, and similar products. Abandoned as a separate industry classification. See "Abrasive wheels, stones, paper, and cloth, and related products."</i>
231	Horse blankets, fly nets, and related products.
232	*House-furnishing goods, not elsewhere classified.
118	*Ice cream.
119	*Ice, manufactured.
618	Ink, printing.
619	Ink, writing.
1620	*Instruments, professional and scientific, and gauges, except machinists' gauges.
1111	<i>Iron and steel, processed. Abandoned as a separate industry classification. See "Foundry and machine-shop products, not elsewhere classified."</i>
1621	Ivory, shell, and bone work, not including buttons, combs, or hairpins.
1224	*Jewelers' findings and materials.
1210	*Jewelry.
1622	Jewelry and instrument cases.
233	*Jute goods.
234	*Knit goods.
406	*Labels and tags.
235	*Lace goods.
1623	Lapidary work.
120	<i>Lard substitutes and vegetable cooking oils. Name changed to "Shortenings (not including lard) and vegetable cooking oils" for 1929 report; further changed to "Shortenings (other than lard), vegetable cooking oils, and salad oils."</i>
310	*Lasts and related products.
906	*Leather goods, not elsewhere classified.
907	*Leather: Tanned, curried, and finished.
1207	*Lighting equipment.
1013	*Lime.
236	*Linen goods.
237	*Linoleum.
620	Liquors, vinous.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
506	*Lithographing.
1406	*Locomotives (other than electric), not made in railroad repair shops.
704	Lubricating oils and greases, not made in petroleum refineries.
311	*Lumber and timber products, not elsewhere classified.
121	*Macaroni, spaghetti, vermicelli, and noodles.
1318	*Machine-tool accessories and machinists' precision tools and instruments.
1307	*Machine tools.
122	*Malt.
1014	*Marble, granite, slate, and other stone products.
312	*Matches.
238	Mats and matting, grass and coir.
1624	*Mattresses and bed springs, not elsewhere classified
123	*Meat packing, wholesale.
1308	<i>Metal-working machinery, other than machine tools. Abandoned prior to the publication of the 1929 report. See "Foundry and machine-shop products, not elsewhere classified."</i>
239	*Millinery.
1015	Minerals and earths, ground or otherwise treated.
313	*Mirror and picture frames.
1016	*Mirrors and other glass products made of purchased glass.
1625	Models and patterns, not including paper patterns.
1626	*Motion pictures, not including projection in theaters.
1407	*Motor-vehicle bodies and motor-vehicle parts.
1408	*Motor vehicles, not including motorcycles.
1409	*Motor cycles, bicycles, and parts.
621	Mucilage, paste, and other adhesives, except glue and rubber cement.
1627	*Musical-instrument parts and materials: Piano and organ.
1628	*Musical instruments and parts and materials, not elsewhere classified.
1629	*Musical instruments: Organs.
1630	*Musical instruments: Pianos.
1113	*Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.
1211	*Needles, pins, hooks and eyes, and snap fasteners.
240	Nets (fish) and seines.
1212	*Nonferrous-metal alloys and products, not including aluminum products.
622	*Oil, cake, and meal, cottonseed.
623	*Oil, cake, and meal, linseed.
624	*Oils, essential.
625	Oils, not elsewhere classified.
241	*Oileloth.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.

INDUSTRY

- 124 *Oleomargarine and other margarines, not made in meat-packing establishments.
- 1631 *Optical goods.
- 626 *Paints and varnishes.
- 407 *Paper.
- 408 *Paper goods, not elsewhere classified.
- 409 *Paper patterns. Abandoned as a separate industry classification.*
- 627 *Patent or proprietary medicines and compounds.
- 1632 Paving materials: Asphalt, tar, crushed slag, and mixtures.
- 125 *Peanuts, walnuts, and other nuts, processed or shelled.
- 1633 *Pencils, lead (including mechanical).
- 1634 *Pens, fountain and stylographic; pen points, gold, steel, and brass.
- 628 *Perfumes, cosmetics, and other toilet preparations.
- 705 *Petroleum refining.
- 1635 *Phonographs. Abandoned as a separate industry classification. See "Radio apparatus and phonographs."*
- 507 *Photo-engraving, not done in printing establishments.
- 1636 *Photographic apparatus and materials and projection apparatus.
- 1637 Pipes (tobacco).
- 314 *Planing-mill products (including general millwork), not made in planing mills connected with sawmills.
- 1213 *Plated ware. Abandoned as a separate industry classification. See "Silverware and plated ware."*
- 1114 *Plumbers' supplies, not including pipe or vitreous-china sanitary ware.
- 908 *Pocketbooks, purses, and cardcases.
- 1017 *Pottery, including porcelain ware.
- 126 *Poultry killing, dressing, and packing, wholesale.
- 1676 *Power laundries.
- 508 *Printing and publishing, book and job.
- 509 *Printing and publishing, music.
- 510 *Printing and publishing, newspaper and periodical.
- 511 Printing materials, not including type or ink.
- 315 *Pulp goods and molded composition products.
- 410 *Pulp (wood and other fiber).
- 1309 *Pumps (hand and power) and pumping equipment.
- 1319 *Radio apparatus and phonographs.
- 629 *Rayon and allied products.
- 316 *Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.
- 1310 *Refrigerators, mechanical.
- 242 Regalia, robes, vestments, and badges.
- 127 *Rice cleaning and polishing.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
1638	*Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.
802	*Rubber goods other than tires, inner tubes, and boots and shoes.
803	*Rubber tires and inner tubes.
909	Saddlery and harness.
1115	Safes and vaults.
630	Salt.
1018	*Sand-lime brick.
1639	<i>Sandpaper, emery paper, and other abrasive paper and cloth. Abandoned as a separate industry classification. See "Abrasive wheels, stones, paper, and cloth, and related products."</i>
128	*Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.
1116	*Saws.
1311	*Scales and balances.
1117	*Screw-machine products and wood screws.
1312	*Sewing machines and attachments.
1410	*Ship and boat building, steel and wooden, including repair work.
243	*Shirts.
120	*Shortenings (other than lard), vegetable cooking oils, and salad oils.
1640	*Signs and advertising novelties.
244	*Silk and rayon manufactures.
1214	<i>Silversmithing and silverware. Abandoned as a separate industry classification. See "Silverware and plated ware."</i>
1213	*Silverware and plated ware.
1215	*Smelting and refining, copper.
1216	*Smelting and refining, lead.
1217	*Smelting and refining, metals other than gold, silver, or platinum, not from the ore.
1218	*Smelting and refining, zinc.
631	*Soap.
1641	Soda-water apparatus.
1642	*Sporting and athletic goods, not including firearms or ammunition.
1118	*Springs, steel, except wire, not made in plants operated in connection with rolling mills.
1219	*Stamped ware, enameled ware, and metal stampings; enameling, japanning, and lacquering.
1643	Stationery goods, not elsewhere classified.
1019	Statuary and art goods (except concrete), factory production.
1119	*Steam and hot-water heating apparatus and steam fittings.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
1644	*Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.
1120	Steel barrels, kegs, and drums.
1112	*Steel works and rolling mills.
512	*Stereotyping and electrotyping, not done in printing establishments.
1121	*Stoves and ranges (other than electric) and warm-air furnaces.
1122	*Structural and ornamental metal work, not made in plants operated in connection with rolling mills.
129	*Sugar, beet.
130	*Sugar, cane, not including products of refineries.
131	*Sugar refining, cane.
1645	<i>Surgical appliances. Prior to the publication of the 1929 report, title changed to "Surgical and orthopedic appliances, including artificial limbs." For 1931, see "Surgical and orthopedic appliances, and related products."</i>
1645	Surgical and orthopedic appliances, and related products.
245	*Suspenders, garters, and other elastic woven goods, made from purchased webbing.
632	*Tanning materials, natural dyestuffs, mordants and assistants, and sizes.
1313	*Textile machinery and parts.
1646	Theatrical scenery and stage equipment.
1220	*Tin and other foils, not including gold foil.
1123	*Tin cans and other tinware, not elsewhere classified.
1124	<i>*Tin plate and terneplate, not made in rolling mills. Not an industry classification. Special inquiry on production only.</i>
1647	*Tobacco: Chewing and smoking, and snuff.
1125	*Tools, not including edge tools, machine tools, files, or saws.
1648	*Toys (not including children's wheel goods or sleds), games, and playground equipment.
246	*Trimnings (not made in textile mills) and stamped art goods for embroidering.
910	Trunks, suitcases, and bags.
317	*Turpentine and rosin.
513	Type founding.
1314	*Typewriters and parts.
1649	Umbrellas, parasols, and canes.
247	Upholstering materials, not elsewhere classified.
132	*Vinegar and cider.
411	*Wall paper.
1020	*Wall plaster, wall board, insulating board, and floor composition.
1315	*Washing machines, wringers, driers, and ironing machines, for household use.
248	*Waste.

INDUSTRIES—ALPHABETICAL LIST—Continued

[The figure or figures *preceding* the last two in each industry number indicate the group number. Industries marked (*) require special schedules]

Ind. No.	INDUSTRY
1221	<i>Watch and clock materials and parts, except watchcases. Abandoned as a separate industry classification. See "Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps."</i>
1222	*Watchcases.
1223	<i>Watches and watch movements. Abandoned as a separate industry classification. See "Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps."</i>
1650	Whips.
1316	<i>Windmills and windmill towers. Abandoned as a separate industry classification. See "Engines, turbines, tractors, water wheels, and windmills."</i>
318	*Window and door screens and weather strip.
1651	Window shades and fixtures.
1126	*Wire, drawn from purchased bars or rods.
1127	*Wirework, not elsewhere classified.
633	*Wood distillation and charcoal manufacture.
319	*Wood preserving.
320	*Wood turned and shaped and other wooden goods, not elsewhere classified.
1317	<i>Woodworking machinery. Abandoned as a separate industry prior to the publication of the 1929 report. See "Foundry and machine-shop products, not elsewhere classified."</i>
249	*Woolen goods.
250	Wool pulling.
251	Wool scouring.
252	*Wool shoddy.
253	*Worsted goods.
1128	*Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.

INDUSTRIES, BY GROUPS

[An asterisk (*) in front of an industry number indicates a new industry classification; an asterisk in front of a form number indicates that the industry named on the same line is reported on a special schedule for the first time]

Industry Group 1.—FOOD AND KINDRED PRODUCTS

OFFICE GROUP 1

Ind. No.	CLASSIFICATION	Form No.
101	Beverages Root beer, ginger ale, grape juice, cereal beverages, "near beer," etc. Tomato juice, cranberry juice, kraut juice, etc., are classified under "Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces."	101
102	Bread and other bakery products Bread, biscuit, crackers, pretzels, pies, cakes, etc. (a) Biscuit and crackers. (b) Bakery products other than biscuit and crackers.	102
103	Butter (<i>see also</i> Cheese; Condensed and evaporated milk).....	103
104	Canning and preserving: Fish, crabs, shrimps, oysters, and clams (<i>see also</i> Food preparations, not elsewhere classified)..... Canned, pickled, smoked, and dried fish, and canned crabs, lobsters, shrimps, oysters, and clams. (Does not cover establishments engaged solely in shucking oysters.)	104
105	Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces (<i>see also</i> Food preparations, not elsewhere classified)..... Canned and preserved fruits and vegetables; processed and dried fruits and vegetables; preserves, jellies, pickles, sauces, dressings, catsup, prepared mustard, etc.	105
106	Cereal preparations Cereal breakfast foods, hominy, cracked wheat, rolled oats, hulled corn, self-raising flour, cereal coffee substitutes, etc.	116
107	Cheese (<i>see also</i> Butter; Condensed and evaporated milk).....	103
108	Chewing gum (<i>see also</i> Confectionery).....	112
109	Chocolate and cocoa products, not including confectionery (<i>see also</i> Confectionery)..... Chocolate, cocoa, cocoa butter, broma, and other products of the nut of the cacao tree.	109
110	Coffee and spice, roasting and grinding	110
111	Condensed and evaporated milk (<i>see also</i> Butter; Cheese)..... Condensed milk, evaporated milk, powdered milk, sugar of milk; dried casein (not plastic).	103
112	Confectionery (<i>see also</i> Chocolate and cocoa products)..... Candies of all kinds, stick licorice, corn balls, salted nuts, etc. Solid chocolate bars are classified in the "Chocolate and cocoa products" industry.	112

INDUSTRY GROUP 1.—FOOD AND KINDRED PRODUCTS—Contd.

OFFICE GROUP 1—Continued

Ind. No.	CLASSIFICATION	Form No.
113	Corn sirup, corn sugar, corn oil, and starch ----- Corn sirup; corn sugar; corn, wheat, potato, and root starch; corn oil; corn-oil cake and meal; etc.	113
114	Feeds, prepared, for animals and fowls (see also Flour and other grain-mill products) ----- Feeds prepared from ground grain and other ingredients such as alfalfa, molasses, bone meal, etc.; ground oyster shells.	116
115	Flavoring extracts and flavoring sirups ----- Flavoring extracts, pastes, and powders; colors for bakers and confectioners; flavoring sirups; crushed fruits for soda-fountain use.	115
116	Flour and other grain-mill products (see also Feeds, prepared, for animals and fowls) ----- Wheat, corn, rye, buckwheat, rice, and barley, flour and meal; cracked corn, shorts, middlings, feed for livestock, etc.	116
117	Food preparations, not elsewhere classified ----- All food preparations for human consumption which are not classifiable in any of the other industries in the group. Meat products such as boiled and boneless ham; blended and compounded sirups for table use; peanut butter; preparations such as mincemeat, potato chips, and plum and fig puddings; malted- milk products; ice-cream cones, etc. Flavoring sirups, corn sirup, cane-sugar sirup, and beet-sugar sirup are <i>not</i> included, as these products belong to other classifications.	117
118	Ice cream -----	118
119	Ice manufactured ----- Ice manufactured for sale.	119
120	<i>Lard substitutes and vegetable cooking oils. Prior to publication of 1929 report title changed to "Shortenings (not including lard) and vegetable cooking oils." At census for 1931 further changed to "Shortenings (other than lard), vegetable cooking oils, and salad oils."</i>	
121	Macaroni, spaghetti, vermicelli, and noodles -----	121
122	Malt ----- Malt, made chiefly from barley but to some extent from other grains.	116
123	Meat packing, wholesale (see also Shortenings (other than lard), vegetable cooking oils, and salad oil; Oleomargarine and other margarines; Sausage, etc., and sausage casings) ----- This classification covers establishments engaged in both slaughtering cattle, hogs, sheep, or other animals and preserving all or a part of the raw stock by canning, salting, smoking, or otherwise curing it for the trade; establishments which purchase raw stock from slaughterhouses and preserve it; and establish- ments engaged in wholesale slaughtering only.	123
124	Oleomargarine and other margarines, not made in meat-packing establishments (see also Meat packing) -----	124
125	Peanuts, walnuts, and other nuts, processed or shelled ----- Bleached and shelled walnuts; polished pecans; graded and shelled peanuts; etc.	125

INDUSTRY GROUP 1.—FOOD AND KINDRED PRODUCTS—Continued

OFFICE GROUP 1—Continued

Ind. No.	CLASSIFICATION	Form No.
126	Poultry killing, dressing, and packing, wholesale. This classification covers establishments with products valued at \$20,000 or more, engaged primarily in poultry killing, dressing, and packing (including canning), for the wholesale trade.	126
127	Rice cleaning and polishing.....	127
128	Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments (<i>see also</i> Meat packing).....	128
120 ~~129~~	Shortenings (other than lard), vegetable cooking oils, and salad oils (<i>see also</i> Meat packing) Shortenings compounded of both animal and vegetable oils and fats and those made of vegetable oils only; vegetable cooking oils and vegetable salad oils.	~~129~~ 120.
129 ~~130~~	Sugar, beet.....	129
130 ~~131~~	Sugar, cane, not including products of refineries. This classification covers all establishments engaged primarily in the manufacture of sugar (raw or refined), molasses, and sirups, from cane.	130
131 ~~132~~	Sugar refining, cane..... This classification embraces establishments engaged wholly or mainly in refining raw cane sugar, practically all of which is imported.	131
132 ~~133~~	Vinegar and cider.....	105

Industry Group 2.—TEXTILES AND THEIR PRODUCTS

OFFICE GROUP 2

Ind. No.	CLASSIFICATION	Form No.
201	Artificial leather All kinds of artificial or imitation leather, regardless of method of manufacture, materials, or use of finished product.	201
202	Asphalted-felt-base floor covering (see also Linoleum) A product which resembles linoleum, made by printing or painting on the surface of a foundation of asphalted felt.	201
203	Awnings, tents, sails, and canvas covers Window, store, and veranda awnings; tents; sails; tarpaulins; and canvas covers. (Small establishments making these goods to individual order are not included.)	100
204	Bags, other than paper, not made in textile mills Meal bags, salt bags, gunny or jute bags, and all other bags made from materials other than paper.	100
205	Belting other than leather and rubber, not made in textile mills (see also Cotton small wares)	100
206	Carpets and rugs, rag Some of the establishments embraced in this classification manufacture carpets and rugs from materials owned by others.	100
207	Carpets and rugs, wool, other than rag (see also Cotton goods; Jute goods; Woolen goods; Worsteds goods) Carpets and rugs made chiefly of wool, and usually with a jute, cotton, or linen back. This industry does <i>not</i> include the manufacture of rag, cotton, or jute carpets and rugs, or floor coverings of grass or reeds.	207
208	Clothing (except work clothing), men's, youths', and boys', not elsewhere classified (a) Regular factories. (b) Contract shops.	208
209	Clothing, men's, buttonholes	100
210	Clothing, women's, not elsewhere classified Women's, misses', girls', and infants' suits, dresses, coats, cloaks, skirts, blouses, shirt waists, undergarments, petticoats, scarfs (except knitted), neckwear, etc. (a) Regular factories. (b) Contract shops.	210
211	Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's. (<i>Title changed prior to the publication of the 1929 report, from "Clothing, work (except shirts), men's."</i>)	208
212	Cloth sponging and refinishing Sponging and refinishing cloth on contract. (This classification must not be confused with "Dyeing and finishing textiles.")	100
213	Collars, men's (see also Furnishing goods, men's; Shirts)	213
214	Cordage and twine (see also Cotton goods; Cotton small wares; Jute goods; Linen goods; Nets (fish) and seines) Rope, cable, cordage, twine, binder twine, fish line, etc., braided or twisted, made from hemp, flax, cotton, manila, jute, paper, and other fiber.	214
215	Corsets and allied garments Corsets, brassières, bandeaux, combinations, girdles, corset stays, etc.	215

INDUSTRY GROUP 2.—TEXTILES AND THEIR PRODUCTS—Contd.

OFFICE GROUP 2—Continued

Ind. No.	CLASSIFICATION	Form No.
216	Cotton goods (<i>see also</i> Cordage and twine; Cotton small wares; Knit goods; Lace goods)..... All kinds of plain and fancy woven fabrics, in the piece or otherwise, over 12 inches in width; cotton felts; and yarn, thread, and corset laces, cotton waste for sale.	216
217	Cotton small wares (<i>see also</i> Cotton goods; Lace goods)..... Narrow woven fabrics, not over 12 inches in width, and braids of every description. Woven belting and hose, elastic and non-elastic webbing, tape, trimmings, edgings, bindings, shoe laces, corset laces, wicks and wicking, etc.	216
218	Dyeing and finishing textiles Bleaching, dyeing, printing, mercerizing, spooling, warping, winding (except silk and rayon warping and winding), etc., piece goods, yarn, stock, etc., of cotton, wool, silk, or other textile fiber.	100
219	Embroideries (<i>see also</i> Lace goods)..... Schiffli embroideries and burnt-out laces; bonnaz and other hand-machine embroideries; hand embroideries.	219
220	Felt goods, wool, hair, or jute Felt goods made of wool, hair, or jute, woven or made by the needle-loom process or by heat, moisture, and pressure.	207
221	Flags and banners (<i>see also</i> Regalia, robes, vestments, and badges).....	100
222	Flax and hemp, dressed Removal of seeds, dross, etc., and preparation of raw flax and hemp for factory use.	100
223	Furnishing goods, men's, not elsewhere classified (<i>see also</i> Collars, men's; Gloves and mittens, cloth or cloth and leather combined; Gloves and mittens, leather; Knit goods; Shirts; Suspenders, garters, and other elastic woven goods)..... Neckwear; belts, other than leather; bathrobes; lounging garments; sleeping garments; underwear (cut and sewed from purchased fabric); etc.	208
224	Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics (<i>see also</i> Gloves and mittens, leather; Knit goods).....	224
225	Haircloth	100
226	Handkerchiefs	208
227	Hat and cap materials, men's Hatters' fur, sweatbands, visors, linings, bindings, trimmings, tip printing, etc.	100
228	Hats and caps, except felt and straw, men's Silk hats, chapeaux, opera or crush hats; uniform caps; athletic hats and caps; other cloth caps, leather caps, etc.	230
229	Hats, fur-felt Stiff and soft hats and hat bodies made chiefly from hatters' fur, for men, women, and children.	230
230	Hats, wool-felt Men's, women's, and children's hats and hat bodies, the chief materials of which are wool, wool noils, wool shoddy, etc.	230
231	Horse blankets, fly nets, and related products Horse blankets made from purchased fabrics, saddle cloths, fly nets, sweat pads, etc.	100

INDUSTRY GROUP 2.—TEXTILES AND THEIR PRODUCTS—Contd.

OFFICE GROUP 2—Continued.

Ind. No.	CLASSIFICATION	Form No.
232	House-furnishing goods, not elsewhere classified (<i>see also</i> Artificial leather; Asphalted-felt-base floor covering; Carpets and rugs, rag; Carpets and rugs, wool, other than rag; Cotton goods; Furniture; Lace goods; Linoleum; Mattresses and bed springs; Oilcloth; Silk and rayon manufactures; Upholstering materials)..... Comfortables, piano covers and scarfs, carpet linings, mosquito canopies, portières, draperies, slip covers of every kind, cushions (except spring cushions), hassocks, pillow shams, carpet sweepers, pillows, quilts, mops, pincushions, clotheslines (put up from purchased line), and other house-furnishing goods not covered by separate classifications.	232
233	Jute goods (<i>see also</i> Cordage and twine; Linen goods; Mats and matting, grass and coir)..... Bagging for baling cotton; carpets and rugs, webbing, yarns, twine, etc.; other goods where the material of chief value is jute fiber or jute yarn.	214
234	Knit goods (<i>see also</i> Clothing, women's; Furnishing goods, men's).... Hosiery, underwear, outerwear, knit cloth, and all other machine-knit goods, whether for personal wear or for domestic, mechanical, or other use, without regard to the kind of yarn used, which may be of cotton, wool, silk, rayon, linen, or other fiber, or of any mixture of fibers.	234
235	Lace goods All lace-machine products, such as Nottingham lace curtains and nets, levers laces, bobbins, lace bedspreads, panels, and other pieces, barmen laces, etc.	235
236	Linen goods (<i>see also</i> Cordage and twine; Jute goods; Lace goods).... Crash, towels, toweling, and other linen and cotton-and-linen mixed fabrics; yarns, thread, etc., in which the material of chief value is flax.	214
237	Linoleum (<i>see also</i> Asphalted-felt-base floor covering)..... Plain, printed, and inlaid linoleum, and a form of linoleum known as "cork carpet."	201
238	Mats and matting, grass and coir (<i>see also</i> Jute goods)..... Door mats, floor mattings, art squares, rugs, and carpets, made from such materials as wire grass, reeds, and coir (cocoa fiber).	100
239	Millinery (<i>see also</i> Artificial and preserved flowers and plants; Feathers, plumes, and manufactures thereof; Hats, fur-felt; Hats, wool-felt)..... Trimmed hats, including felt hats made from purchased bodies; women's straw hats; hat frames; millinery trimmings (for sale as such); infants' headwear; etc.	239
240	Nets (fish) and seines (<i>see also</i> Cordage and twine)..... Seines and other fish nets.	100
241	Oilcloth Table, wall, shelf, stair, and enameled oilcloth.	201
242	Regalia, robes, vestments, and badges (<i>see also</i> Flags and banners)..... Regalia; collegiate and judicial robes, gowns, and capes; church vestments; badges; lodge paraphernalia, etc.	100
243	Shirts (<i>see also</i> Clothing, men's; Clothing, work, men's; Collars, men's; Furnishing goods, men's)..... Shirts of cotton, linen, wool, silk, rayon, etc., shirt bosoms, and shirt waists for men and boys; work shirts.	213

INDUSTRY GROUP 2.—TEXTILES AND THEIR PRODUCTS—Contd.

OFFICE GROUP 2—Continued.

Ind. No.	CLASSIFICATION	Form No.
244	Silk and rayon manufactures (<i>see also</i> Cotton goods; Knit goods)..... (a) Manufacture of finished products: Broad silks (all-silk, all-rayon, silk-mixed, and rayon-mixed goods), velvets, plushes, upholstery, tapestries, ribbons, veils, veilings, braids, bindings, trimmings, machine twist, etc.; sewing, embroidery, and other floss silks. (b) Throwing, winding, and warping of silk and rayon, and the spinning of silk and rayon waste. The greater part of this work is done on a contract basis, the materials and the products being owned and reported by others.	244
245	Suspenders, garters, and other elastic woven goods, made from purchased webbing (<i>see also</i> Furnishing goods, men's; Surgical and orthopedic appliances).....	245
246	Trimmings (not made in textile mills) and stamped art goods for embroidering Dress and coat trimmings, millinery trimmings, tuckings, pleatings, hemstitching, bias bindings, crochet goods, stamped art goods for embroidering, etc.	246
247	Upholstering materials, not elsewhere classified (<i>see also</i> Artificial leather; Cotton goods; Cotton small wares; Excelsior; Oilcloth; Silk and rayon manufactures; Woolen goods; Worsted goods).... Chiefly materials for filling or stuffing upholstery, such as curled hair, moss, and tow. This classification does not cover the manufacture of upholstery fabrics nor of upholstery hardware, springs, etc.	100
248	Waste Cleaning or otherwise preparing waste of cotton or other fiber by use of picker or similar machine, and production of wiping rags, oakum, etc.	248
249	Woolen goods (<i>see also</i> Carpets and rugs, wool, other than rag; Felt goods, wool, hair, or jute; Knit goods; Worsted goods)..... All kinds of woven fabrics (except woven felts), in the piece or otherwise, braids, webbing, cords, etc., and yarns and waste for sale, made from carded wool, shoddy, or noils of wool or of mohair or other animal hair, or from a combination of these materials with one another or with cotton, silk, or other fiber.	207
250	Wool pulling (<i>see also</i> Meat packing)..... Detaching wool from sheepskins.	100
251	Wool scouring Scouring, sorting, and carbonizing wool.	100
252	Wool shoddy (<i>see also</i> Woolen goods; Worsted goods)..... Recovered wool fiber, known as "shoddy," "mungo," "flocks" (the result of shearing cloth), and "wool extract," made from rags, waste, noils, tailors' clippings, etc.	207
253	Worsted goods (<i>see also</i> Knit goods; Woolen goods)..... All kinds of woven fabrics, in piece or otherwise, braids, webbing, cords, etc., and tops, yarns, and waste for sale, made from combed wool, from mohair or other animal hair, or from a combination of these materials with one another or with cotton, silk, or other fiber.	207

Industry Group 3.—FOREST PRODUCTS

OFFICE GROUP 4

Ind. No.	CLASSIFICATION	Form No.
301	Baskets and rattan and willow ware, not including furniture Baskets of all kinds, including fruit and berry baskets and boxes; coffee drums; laundry hampers; and, in general, small articles made of veneer, reed, rattan, and willow. (Rattan and willow furniture is classified under "Furniture.")	301
302	Billiard and pool tables, bowling alleys, and accessories Billiard, pool, and bagatelle tables, billiard cues and chalk, pool pockets, cue tips, pool balls, bowling alleys, bowling-alley accessories, etc.	302
303	Boxes, cigar, wooden (<i>see also</i> Boxes, paper)..... All wooden boxes in which cigars are packed and from which they must be sold.	301
304	Boxes, wooden, except cigar boxes (<i>see also</i> Planing-mill products).... Wooden boxes and cases; box shooks; trunk slats; crates for butter, fruits, berries, and vegetables; cases for eggs and canned goods; carrier trays; wooden storage-battery boxes; fancy boxes of wood covered with cretonne, silk, etc.	301
305	Caskets, coffins, burial cases, and other morticians' goods Caskets and coffins, whether of wood or of metal; burial cases; shipping cases; morticians' supplies and accessories, such as burial garments, gloves, and slippers, casket linings and draperies, ambulance baskets, door draperies, lowering devices, couches, embalming tables, and embalming fluids.	305
306	Cooperage (<i>see also</i> Wood turned and shaped and other wooden goods). Casks, kegs, tierces, barrels, hogsheads, wooden tubs, tanks, vats, and similar containers made of staves. (Staves, heading, and hoops—the cooperage stock—are products of the "Lumber and timber products" industry.)	306
307	Cork products Bottle corks, life preservers, cork board for insulation, cork tips, and other articles made of cork.	307
308	Excelsior Excelsior and excelsior pads, wrappers, etc.	308
309	Furniture, including store and office fixtures (<i>see also</i> Planing-mill products; Mattresses and bed springs; Refrigerators and refrigerator cabinets)..... All classes of wood and metal furniture, including hammocks, store and office fixtures, show cases, display cases, wall cases, and cabinets. Sewing-machine cases, cabinets, and tables are classified in this industry.	309
310	Lasts and related products Lasts for boots and shoes, shoe-trees, shoe stretchers, display forms for boots and shoes, etc.	320
311	Lumber and timber products, not elsewhere classified (<i>see also</i> Planing-mill products)..... Logging camps, producing logs, bolts, and rough timber products, such as hewn crossties, poles, posts, mine timbers, wheel and handle stock, excelsior stock, etc.; sawmills, producing rough lumber, laths, shingles, staves, heading, hoops, veneer stock, veneers, and other products from logs and bolts. Planing mills operated in conjunction with sawmills are covered by this classification, but independent planing mills are classified under "Planing-mill products."	311

INDUSTRY GROUP 3.—FOREST PRODUCTS—Continued

OFFICE GROUP 4—Continued

Ind. No.	CLASSIFICATION [For explanation of asterisk, see p. 15]	Form No.
312	Matches	312
313	Mirror and picture frames (<i>see also</i> Planing-mill products)..... Frames and finished picture moldings, chiefly of wood, for mirrors, pictures, photographs, and medallions. (The unfinished moldings of which the frames are made are, as a rule, planing-mill products.) Establishments engaged in framing pictures, etc., to individual order are <i>not</i> included.	313
314	Planing-mill products (including general millwork), not made in planing mills connected with sawmills (<i>see also</i> Boxes, wooden, except cigar boxes; Furniture; Lumber and timber products; Wood turned and shaped)..... Dressed lumber, sash, doors, blinds, moldings, panels, wood mantels, brackets, stair work, door and window frames, and all classes of general millwork.	314
315	Pulp goods and molded composition products Vulcanized fiber; products pressed or molded from vulcanized fiber, from plastic compositions (phenolic resins and similar plastics), from asphalt compositions, and from pulp. (The manufacture of phenolic resins and other plastics for sale as such is classified under "Chemicals.")	*315
316	Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment Refrigerators, ice boxes, and refrigerator show cases, counters, and cabinets; water coolers; cabinets for mechanical refrigerators made for sale as such. This classification does not cover mechanically-operated (electric) and heat-operated refrigerating equipment or units for commercial or household use, which are classified in the "Refrigerators, mechanical" industry; nor ice-making machinery for use in ice factories, which is classified in the "Foundry and machine-shop products" industry.	309
317	Turpentine and rosin (<i>see also</i> Wood distillation and charcoal manufacture)..... Spirits of turpentine and rosin made by distillation of the resinous exudation of the pine tree.	317
318	Window and door screens and weather strip Window screens, door screens, and weather strip, irrespective of the material used.	318
319	Wood preserving Treatment of wood to prevent decay and for protection against fire, worms, etc. Many of the establishments operate on a contract basis. Products include railway ties, paving blocks, etc.	319
320	Wood turned and shaped and other wooden goods, not elsewhere classified (<i>see also</i> Cooperage; Planing-mill products)..... Bobbins, bowls, bungs, brush blocks, dowels, handles, marquetry, oars, rollers, rolling pins, spools, picker sticks for looms, and other turned and shaped wooden articles and wood carvings; also miscellaneous articles such as wooden dishes, trays, meat boards, toothpicks, washboards, clothespins, ironing boards and tables, grain measures, tailors' pressing blocks, flagpoles, masts and spars, ladders, etc.	320

INDUSTRY GROUP 3.—FOREST PRODUCTS—Continued
OFFICE GROUP 4—Continued

Ind. No.	CLASSIFICATION	Form No.
	SPECIAL INQUIRIES	
	<i>Decennial:</i>	
376	Mine timbers used underground (1923-1933, etc.).....	376
	<i>Biennial:</i>	
378	Crossties purchased.....	378
377	Poles purchased.....	377
379	Vegetable materials used by tanners.....	379
	<i>Annual:</i>	
380	Lumber, lath, and shingles, production of.....	380
381	Pulpwood consumption and wood-pulp production.....	381

Industry Group 4.—PAPER AND ALLIED PRODUCTS
OFFICE GROUPS 4 AND 6

Ind. No.	CLASSIFICATION	Form No.
401	Bags, paper, exclusive of those made in paper mills.....	401
402	Boxes, paper, not elsewhere classified (<i>see also</i> Fancy and miscellaneous articles; Jewelry and instrument cases)..... Plain and metal-edged boxes, made of paper, news board, or cardboard, for confectionery, millinery, cigarettes, lunches, druggists' preparations, silverware, etc.	401
403	Cardboard, not made in paper mills (<i>see also</i> Paper).....	401
404	Card cutting and designing..... Jewelers' cards; index cards for office and library cabinets; Jacquard cards; fancy cards; stencil cards for addressing machines; photograph mats, mounts, and folders; cardboard panels and foundations; etc.	401
405	Envelopes (<i>see also</i> Stationery goods).....	401
406	Labels and tags (<i>see also</i> Engraving and diesinking; Hand stamps and stencils and brands; Printing and publishing, book and job)..... Labels and tags of paper, celluloid, metal, cardboard, etc.; baggage and other checks, door and name plates, patent indexes; laundry and shipping tags; pin tickets, etc.	401
407	Paper..... All kinds of paper and paper boards, such as newsprint, book, cover, writing, wrapping, tissue, absorbent, and building papers. Converted-paper products <i>made in paper mills</i> are to be included in this classification. An independent factory making converted-paper products should be given its specific industry classification.	407
408	Paper goods, not elsewhere classified (<i>see also</i> Stationery goods)..... Crêpe paper; surface-coated paper; glazed, waxed, oiled, waterproof, and corrugated paper; tar, fly, and toilet paper; paper lace; cigarette paper; playing cards; confetti; milk-bottle caps, etc.	401
409	<i>Paper patterns. Abandoned as a separate industry classification before the publication of the 1929 report. Transferred to No. 508, "Printing and publishing, book and job," Group 5.</i>	
410	Pulp (wood and other fiber)..... Wood pulp, mechanical and chemical; other pulp. Establishments making wood flour are classified in this industry.	410
411	Wall paper..... Establishments engaged chiefly in designing patterns and printing paper to cover interior walls and ceilings. (The paper itself, designated as "hanging paper," is made in paper mills.)	401

Industry Group 5.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

OFFICE GROUP 6

Ind. No.	CLASSIFICATION [For explanation of asterisk, see p. 15]	Form No.
501	Bookbinding and blank-book making (<i>see also</i> Printing and publishing—three classifications) Bookbinding and blank-book making; embossing; book gilding; paper ruling; paper cutting; card, book, and paper edging; card beveling and bronzing; sample-card and show-card mounting; etc.	*508
502	Engravers' materials Copper, zinc, steel, and other metal plates for engravers' use; wood blocks for use in wood engraving and photo-engraving; lithographic stones; etc.	100
503	Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking (<i>see also</i> Hand stamps and stencils and brands; Labels and tags) Engraving, chasing, and etching on jewelry and silverware, notarial seals, fancy metals, etc., for purposes other than printing; diesinking.	100
504	Engraving, steel and copperplate, and plate printing (<i>see also</i> Lithographing; Photo-engraving) Engraving and etching on steel and copper plates and printing from such plates.	*508
505	Engraving, wood Wood engraving (generally wood cuts for use in printing).	100
506	Lithographing (<i>see also</i> Photo-engraving; Printing and publishing—three classifications) Establishments engaged primarily in photolithographing, in lithographing on paper, tin, etc., and in drawing or transferring designs or preparing stones or plates used in lithographing.	*508
507	Photo-engraving, not done in printing establishments (<i>see also</i> Lithographing; Stereotyping and electrotyping) Photogravures and similar transfer work.	*508
508	Printing and publishing, book and job (<i>see also</i> Bookbinding and blank-book making; Printing and publishing, music; Printing and publishing, newspaper and periodical) Establishments engaged primarily in (a) job printing; (b) printing and publishing books and pamphlets; (c) publishing, but not printing, books and pamphlets; (d) linotype work or typesetting; (e) printing paper patterns, fashion plates, etc. (Paper patterns which are not printed are products of the "Paper goods, not elsewhere classified" industry.) (a) Job printing. (b) Book publishing and printing. (c) Book publishing without printing. (d) Linotype work, typesetting, etc. (e) Printed paper patterns.	508
509	Printing and publishing, music (<i>see also</i> Printing and publishing, book and job; Printing and publishing, newspaper and periodical) Books of music and sheet music. (a) Printing and publishing. (b) Publishing without printing.	508

INDUSTRY GROUP 5.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued

OFFICE GROUP 6—Continued

Ind. No.	CLASSIFICATION [For explanation of asterisk, see p. 15]	Form No.
510	Printing and publishing, newspaper and periodical (<i>see also</i> Bookbinding and blank-book making; Printing and publishing, book and job)----- Establishments engaged primarily in preparing, printing, and publishing, or in preparing and publishing but not printing, newspapers and periodicals. Some of these establishments also do job printing; but establishments engaged primarily in job printing should be classified under "Printing and publishing, book and job." (Care should be taken to see that the information called for by sections A and B of Inquiry 7 has been supplied.) 1.—Newspapers: (a) Printing and publishing. (b) Publishing without printing. 2.—Periodicals: (a) Printing and publishing. (b) Publishing without printing.	508
511	Printing materials, not including type or ink (<i>see also</i> Foundry and machine-shop products; Ink, printing; Type founding)----- Composing rules and sticks, mallets, planes, chases, quoins, type cases, galleys, printers' rollers, blocks, plate hooks, locking devices, etc.	100
512	Stereotyping and electrotyping, not done in printing establishments (<i>see also</i> Printing and publishing—three classifications; Printing materials; Type founding)-----	*508
513	Type founding (<i>see also</i> Printing materials; Stereotyping and electrotyping)----- Type, brass rules, leads, slugs, etc.	100

Industry Group 6.—CHEMICALS AND ALLIED PRODUCTS

OFFICE GROUP 5

Ind. No.	CLASSIFICATION	Form No.
601	Alcohol, ethyl, and distilled liquors ----- Ethyl or grain alcohol, including denatured.	100
602	Ammunition and related products (<i>see also</i> Explosives; Firearms; Fireworks)----- Ammunition for small arms and artillery; also fuses, blasting and detonating caps, miners' squibs, naval and railroad torpedoes, fog and danger signals, etc. (Dynamite and other explosives for agricultural use and "cartridges" for use in oil wells are classified under "Explosives," and fireworks are classified separately as such.)	602
603	Baking powders, yeast, and other leavening compounds ----- Baking powders, yeast (dry, compressed, and liquid), and other leavening compounds.	603
604	Blacking, stains, and dressings (<i>see also</i> Boot and shoe findings; Cleaning and polishing preparations)----- Blackings, waxes, stains, dressings, and polishes for leather, boots and shoes, harness, and belting; stove polish; burnishing inks; dressings for automobile tops, etc.	100
605	Bluing ----- Laundry bluing, soluble and liquid, aniline blue, etc., made principally from indigo and Prussian blue.	100
606	Bone black, carbon black, and lampblack (<i>see also</i> Chemicals; Paints and varnishes)----- (a) Bone black. (b) Carbon black. (c) Lampblack.	606
607	Candles (<i>see also</i> Grease and tallow; Petroleum refining; Soap)----- Candles made of spermaceti, paraffin, wax, tallow, stearine, etc.	100
608	Chemicals, not elsewhere classified (<i>see also</i> Coke; Compressed and liquefied gases; Druggists' preparations; Explosives; Fertilizers; Gas, manufactured; Oils, essential; Paints and varnishes; Patent or proprietary medicines and compounds; Rayon and allied products; Tanning materials, natural dyestuffs, mordants and assistants, and sizes; Turpentine and rosin; Wood distillation and charcoal manufacture)----- All chemicals except those produced in industries such as those specified above are grouped under seven heads, namely: (I) Acids. (II) Nitrogen compounds, including ammonium and cyanogen compounds. (III) Sodium compounds. (IV) Potassium compounds, including potash from original sources (V) Coal-tar crudes, intermediates, and finished coal-tar products (dyes, color lakes, photographic chemicals, medicinals, flavors, perfume materials, synthetic tanning materials, phenolic resins, etc.). (VI) General inorganic compounds, including alums and the various salts and compounds of metals (antimony, arsenic, copper, gold, iron, etc.), rare earths, etc. (VII) General organic compounds such as amyl, butyl, and ethyl acetates; acetone; butyl and other alcohols, not including ethyl alcohol nor methanol (wood alcohol) produced by the distillation of wood; carbon chemicals (bisulphide, tetrachloride, etc.); ether; ethylene glycol; ethyl chloride; glycerin; casein, pyroxylin, and other plastics; tetraethyl lead; vanillin, etc.	608

INDUSTRY GROUP 6.—CHEMICALS AND ALLIED PRODUCTS—Con.

OFFICE GROUP 5—Continued

Ind. No.	CLASSIFICATION	Form No.
609	Cleaning and polishing preparations (<i>see also</i> Blacking, stains, and dressings) Preparations for cleaning and polishing furniture, floors, wall paper, gloves and other wearing apparel, metal ware, and cars; automobile body polish; paint and varnish removers; rust and stain removers; washing, ironing, sweeping, and scouring compounds; laundry tablets; floor wax; eyeglass and windshield cleaners; copper cloth; steel wool; etc.	609
610	Compressed and liquefied gases Acetylene (when sold in containers), chlorine, hydrogen, nitrous oxide (laughing gas), oxygen, sulphur dioxide, and other gases, compressed and liquefied.	610
611	Druggists' preparations (<i>see also</i> Chemicals; Patent or proprietary medicines and compounds; Perfumes, cosmetics, and other toilet preparations) Serums, vaccines, and toxins; capsules (filled or empty), tablets, pills, tinctures, medicinal plasters, cough sirups, ointments, and other pharmaceuticals.	611
612	Drug grinding Establishments engaged in grinding drugs of all kinds, sometimes known as "drug millers."	100
613	Explosives (<i>see also</i> Ammunition and related products; Chemicals; Firearms) Blasting powder, gunpowder (black), nitroglycerin, dynamite, guncotton or pyroxylin, smokeless powder, fulminating mercury, permissible explosives, etc.	613
614	Fertilizers (<i>see also</i> Meat packing; Oil, cake, and meal, cottonseed) Superphosphates from minerals, bones, etc.; ammoniated fertilizers, complete fertilizers, fish scrap, etc.	614
615	Fireworks Display fireworks of all kinds, such as air and toy torpedoes, bombs, shells, wheels, torches, rockets, colored fire, sparklers, and firecrackers.	100
616	Glue and gelatin (<i>see also</i> Fertilizers; Meat packing) Glue (flexible and liquid), gelatin, and glue jelly or paste, derived from hides, fleshings, and fish.	616
617	Grease and tallow, not including lubricating greases (<i>see also</i> Candles; Fertilizers; Lubricating oils and greases; Meat packing; Soap)	617
618	Ink, printing Printing and lithographing inks.	100
619	Ink, writing Writing ink and fluids, indelible ink, etc.	100
620	Liquors, vinous Wines, still and effervescing.	100
621	Mucilage, paste, and other adhesives, except glue and rubber cement (<i>see also</i> Glue and gelatin) Mucilage, paste, mending cement, sealing wax, and other adhesives, except glue and rubber cement, which belong to other classifications.	100

INDUSTRY GROUP 6.—CHEMICALS AND ALLIED PRODUCTS—Con.

OFFICE GROUP 5—Continued

Ind. No.	CLASSIFICATION	Form No.
622	Oil, cake, and meal, cottonseed ----- Cottonseed oil, either crude or refined, and such by-products as meal and cake, hulls, linters, and grabbots.	622
623	Oil, cake, and meal, linseed ----- Linseed oil, made from flaxseed, and such by-products as flaxseed cake and meal.	623
624	Oils, essential (<i>see also</i> Perfumes, cosmetics, and other toilet preparations)----- Volatile oils from plants, such as peppermint, spearmint, sassafras, wintergreen, clove, lemon, aniseed, bergamot, lavender, orange, patchouli, witch-hazel, etc.	624
625	Oils, not elsewhere classified ----- Castor oil, cocoanut oil, peanut oil, fish oils, etc.	100
626	Paints and varnishes (<i>see also</i> Chemicals)----- Colors and pigments, paints in oils, ready-mixed paints, water paints, kalsomine, stains, fillers, putty, varnishes, japans, lacquers, etc.	626
627	Patent or proprietary medicines and compounds (<i>see also</i> Chemicals; Druggists' preparations; Perfumes, cosmetics, and other toilet preparations)----- Medicines and compounds for either man or animal, sold under the protection of patents, copyrights, or trade-marks, or prepared according to secret formulas, including medicines of a proprietary character, not necessarily patented; and compounds or products handled by the pharmaceutical trade, not otherwise provided for, such as household insecticides, corn cures, household ammonia, disinfectants, boiler compounds, fire-extinguishing compounds, etc.	611
628	Perfumes, cosmetics, and other toilet preparations (<i>see also</i> Chemicals; Druggists' preparations; Oils, essential; Soap)----- Cologne, toilet water, face powders, washes and lotions, hair tonics, skin emollients, tooth paste and powder, bay rum, etc.	611
629	Rayon and allied products ----- Rayon and allied products in yarn, in sheet, or in other form. Rayon textiles are classified under "Silk and rayon manufactures."	629
630	Salt ----- Table, packers', rock, and other grades of salt, whether obtained by mining or by evaporation.	100
631	Soap (<i>see also</i> Candles; Grease and tallow; Perfumes, cosmetics, and other toilet preparations; Meat packing)----- Hard, soft, cake, bar, powdered, liquid, and other soaps, and shaving cream.	631
632	Tanning materials, natural dyestuffs, mordants and assistants, and sizes (<i>see also</i> Chemicals)----- Oak, chestnut, hemlock, and other tanning extracts; chrome tannage and other tanning materials; natural dyestuffs, of logwood, fustic, quercitron, etc.; mordants, such as tannic acid, iron liquor, etc.; assistants; and sizes.	632

INDUSTRY GROUP 6.—CHEMICALS AND ALLIED PRODUCTS—Con.

OFFICE GROUP 5—Continued

Ind. No.	CLASSIFICATION	Form No.
633	Wood distillation and charcoal manufacture (<i>see also</i> Turpentine and rosin) Methanol (wood alcohol), charcoal, turpentine, tar, acetone, acetate of lime, etc., made by the distillation of wood through the use of either the destructive or the steam process; charcoal produced by the carbonization of wood in kilns or by the pit method. (a) Hardwood distillation. (b) Softwood distillation. (c) Charcoal.	633

Industry Group 7.—PRODUCTS OF PETROLEUM AND COAL

OFFICE GROUP 5—Continued

Ind. No.	CLASSIFICATION	Form No.
701	Coke, not including gas-house coke ----- (a) Beehive ovens. (b) By-product ovens.	701
702	Fuel: Briquettes ----- Briquettes and boulets made from anthracite culm, bituminous slack, peat, etc., mixed with tar or pitch as a binder; charcoal briquettes; powdered fuel.	100
703	Gas, manufactured, illuminating and heating (<i>see also</i> Compressed and liquefied gases , for gas compressed and sold in containers)----- Gas and its by-products made from coal, coke, oil, gasoline, or calcium carbide (acetylene) and <i>distributed through mains</i> . (Establishments engaged solely in the production of <i>natural gas</i> , and those engaged solely in the <i>distribution</i> of gas, either natural or manufactured, are not manufacturing establishments and therefore are not included in this industry. Establishments which manufacture gas of any kind for sale in containers, in compressed or liquefied form, are classified in the "Compressed and liquefied gases industry.")	703
704	Lubricating oils and greases, not made in petroleum refineries (<i>see also</i> Grease and tallow; Petroleum refining)----- Lubricating oils, not made in petroleum refineries; axle grease and other hard and soft lubricating greases.	100
705	Petroleum refining -----	705

Industry Group 8.—RUBBER PRODUCTS

OFFICE GROUP 5—Continued

Ind. No.	CLASSIFICATION	Form No.
801	Boots and shoes, rubber ----- Rubber boots; overshoes of rubber or of textile and rubber; canvas shoes with rubber soles.	801
802	Rubber goods other than tires, inner tubes, and boots and shoes (<i>see also Suspenders, garters, and other elastic woven goods</i>)----- Rubber belting and hose; ~~rubber clothing~~ ; rubberized fabrics and cloth; druggists' and stationers' sundries, such as rubber brushes, rubber bands, rubber type, etc.; rubber mats; hard-rubber goods; rubber heels and soles; etc.	801
803	Rubber tires and inner tubes ----- Pneumatic tires and inner tubes for motor vehicles, motor cycles, bicycles, etc.; solid and cushion rubber tires for trucks and other vehicles.	801

Industry Group 9.—LEATHER AND ITS MANUFACTURES

OFFICE GROUPS 2 AND 5

Ind. No.	CLASSIFICATION [For explanation of asterisk, see p. 15]	Form No.
901	Belting, leather (<i>see also</i> Leather: Tanned, curried, and finished)----- All kinds of leather belting, used for the transmission of power.	901
902	Boot and shoe cut stock, not made in boot and shoe factories (<i>see also</i> Boot and shoe findings; Boots and shoes, other than rubber)--- Soles, tips, heels, top lifts, inner soles, uppers, etc.	100
903	Boot and shoe findings, not made in boot and shoe factories (<i>see also</i> Boot and shoe cut stock; Boots and shoes, other than rubber; Blacking, stains, and dressings)----- Shoe pegs, bows, clasps, stays, metal tips and heelplates, toe caps, buckles, boot and shoe laces, heel caps, rands, stamples, counters, shanks, wooden heels, shoe trimmings, etc.	*903
904	Boots and shoes, other than rubber ----- Boots, shoes (high and low cut), pumps, slippers, sandals, putties, leggings, overgaiters, and allied footwear, made of leather, of felt (purchased), or of canvas or other textile fabrics. Establishments engaged in contract work on materials owned by others, in connection with the manufacture of boots, shoes, etc., are also included in this industry. (Felt shoes, etc., made in mills which manufacture the felt are classified in "Felt goods.")	904
905	Gloves and mittens, leather (<i>see also</i> Furnishing goods, men's; Gloves and mittens, cloth or cloth and leather combined)----- Men's, boys', women's, and children's leather gloves and mittens, lined and unlined.	224
906	Leather goods, not elsewhere classified (<i>see also</i> Gloves and mittens, leather; Pocketbooks, purses, and cardcases; Saddlery and harness; Trunks, suitcases, and bags)----- Miscellaneous leather products not classified in other industries; for example, belts (for wear on the person), handles, corners, and straps for luggage; dog furnishings; cigar and cigarette cases, vanity cases, key cases, and leather check-book covers; desk sets; embossed leather and burnt-leather goods; leather washers, razor strops, etc.	906
907	Leather: Tanned, curried, and finished ----- Tanneries manufacturing leather, whether from hides and skins owned by them or on a contract basis from hides and skins owned by others; and establishments engaged in currying and finishing leather.	907
908	Pocketbooks, purses, and cardcases (<i>see also</i> Leather goods; Trunks, suitcases, and bags)----- Pocketbooks, bill folds, cardcases, coin purses, women's purse-hand-bags, etc.	908
909	Saddlery and harness (<i>see also</i> Leather goods)----- Saddlery and parts, harness and parts, halters, horse boots, turf goods, feed bags, etc.	100
910	Trunks, suitcases, and bags (<i>see also</i> Leather goods; Pocketbooks, purses, and cardcases)----- Trunks, valises, suitcases, traveling bags, satchels, carrying cases, brief cases, Boston bags, hat boxes, luncheon kits, etc., irrespective of the materials from which made.	100

Industry Group 10.—STONE, CLAY, AND GLASS PRODUCTS

OFFICE GROUPS 5 AND 6

Ind. No.	CLASSIFICATION [For explanation of asterisks, see p. 15]	Form No.
*1021	Abrasive wheels, stones, paper, and cloth, and related products. ----- Abrasive grinding wheels; artificial abrasive sticks, stones, and bricks; oilstones, scythestones, and other whetstones, hones, and rubbing stones, either artificial or from natural stone; abrasive paper and cloth; buffing and polishing wheels.	*1021
1001	Asbestos products, other than steam packing and pipe and boiler covering (<i>see also</i> Steam and other packing, pipe and boiler covering, and gaskets)----- Asbestos building materials, such as roofing, sheathing, siding, and flooring; other asbestos products, such as table mats and pads, holders for flatirons, packing for ice boxes and refrigerating cars, antifriction facings and linings, and insulating material.	1001
1002	Cement. ----- Portland cement, hydraulic, fireproof, and slag cement, etc.	1002
1003	China firing and decorating, not done in potteries (<i>see also</i> Pottery, including porcelain ware)----- China firing and decorating for the trade. (Small establishments engaged in such work for private customers or to individual order are not included.)	100
1004	Clay products (other than pottery) and nonclay refractories (<i>see also</i> Pottery, including porcelain ware; Sand-lime brick)----- Products (except pottery) of baked or burnt clay, such as brick, building and wall tile, draintile, and similar commodities; refractories of materials other than clay; crucibles, both of clay and of other materials.	1004
1005	Concrete products (<i>see also</i> Marble, granite, slate, and other stone products)----- Building blocks, building trimmings, cement roofing tile, etc., and other articles, such as laundry tubs, burial vaults, etc., manufactured from a combination of stone or gravel and sand, with cement.	1005
1006	<i>Crucibles. Abandoned as a separate industry classification; combined with No. 1004, "Clay products (other than pottery) and nonclay refractories."</i>	
1007	<i>Emery wheels and other abrasive and polishing appliances. Abandoned as a separate industry classification; combined with "Hones, whetstones, and similar products" and "Sandpaper, emery paper, and other abrasive paper and cloth." See No. 1021, "Abrasive wheels, stones, paper, and cloth, and related products."</i>	
1008	Glass. ----- All types of sheet glass for building and other purposes, pressed and blown glass, and glass containers. Products made of purchased glass are classified under "Mirrors and other glass products made of purchased glass."	1008
1009	<i>Glass cutting, staining, and ornamenting. Prior to the publication of the 1939 report, title changed to "Glass products (except mirrors) made from purchased glass." For 1931, abandoned as a separate industry classification; combined with "Mirrors, framed and unframed." See No. 1016, "Mirrors and other glass products made of purchased glass."</i>	

INDUSTRY GROUP 10.—STONE, CLAY, AND GLASS PRODUCTS— Continued

OFFICE GROUPS 5 AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1010	Graphite, ground and refined (<i>see also</i> Pencils, lead)----- The extraction from the ore and the refining of graphite (plumbago or black lead).	100
1011	<i>Grindstones, pulpstones, and millstones. Abandoned as a separate industry classification. Considered a quarrying operation.</i>	
1012	<i>Hones, whetstones, and similar products. Abandoned as a separate industry classification; combined with "Emery wheels and other abrasive and polishing appliances" and "Sandpaper, emery paper, and other abrasive paper and cloth." See No. 1021, "Abrasive wheels, stones, paper, and cloth, and related products."</i>	
1013	Lime -----	1013
1014	Marble, granite, slate, and other stone products ----- Monuments, tombstones, and other articles for cemetery uses; roofing slate, slate blackboards, and other slate work; builders' and plumbers' marble, granite, and other stone work; soapstone work; all other stone work, except millstones, grindstones, pulpstones, and hones and whetstones.	1014
1015	Minerals and earths, ground or otherwise treated ----- Ground or pulverized earths, rocks, and minerals, such as emery, flint, barytes, manganese, chalk, talc, feldspar, sandstone, kaolin, mica, fuller's earth, pumice, slate, etc.	100
1016	Mirrors and other glass products made of purchased glass (<i>see also</i> Furniture)----- Mirrors, framed and unframed; cut, beveled, bent, and engraved glass; stained and ornamented glass; scientific glass apparatus for laboratories, hospitals, druggists, etc.; watch crystals; laminated glass, etc.	1016
1017	Pottery, including porcelain ware [<i>see also</i> Clay products (other than pottery) and nonclay refractories]----- Stoneware, red earthenware, white ware, china, bone china, delft, Belleek ware, sanitary ware, etc.	1004
1018	Sand-lime brick [<i>see also</i> Concrete products; Clay products (other than pottery) and nonclay refractories]----- Brick made from a combination of sand and lime.	1018
1019	Statuary and art goods (except concrete), factory production (<i>see also</i> Marble, granite, slate, and other stone products)----- The factory manufacture of such products as statuary, vases, urns, brackets, flower boxes, fountains, plaques, mantels, columns, panels, moldings, pedestals, ornamental plaster work, architectural sculptures, small images, scagliola, and papier-mâché articles.	100
1020	Wall plaster, wall board, insulating board, and floor composition ----- Gypsum plasters, such as unfibred neat plaster and sanded, fibred, gauging, finish, molding, casting, pottery, foundry, terracotta, dental, and plate-glass plaster; other ready-mixed plasters, such as magnesite and Portland-cement stucco; plastic paints and other ornamental plasters for interior decoration; gypsum wall board and other wall boards, not made in paper mills; insulating board not made in paper mills; floor composition; etc.	1020

INDUSTRY GROUP 10.—STONE, CLAY, AND GLASS PRODUCTS— Continued

OFFICE GROUPS 5 AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
	SPECIAL INQUIRIES¹	
	<i>Annual:</i>	
1004	Production and stocks of clay products (other than pottery) and nonclay refractories.....	1004
1017	Production and stocks of pottery, including porcelain ware.....	1004
1018	Production and stocks of sand-lime brick.....	1018

¹ In odd-numbered years these inquiries are merged in the biennial census inquiries; in even-numbered years special forms calling for data on production and stocks only are used.

Industry Group 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY

OFFICE GROUP 3

Ind. No.	CLASSIFICATION	Form No.
1110	Blast furnaces ----- Pig iron and blast-furnace ferro-alloys.	1110
1101	Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills (<i>see also</i> Steel works and rolling mills)-----	1101
1102	Cast-iron pipe and fittings ----- Cast-iron gas, water, soil, and other cast-iron pipe and fittings, including cast-iron screw fittings.	1102
1103	Cutlery (not including silver and plated cutlery) and edge tools (<i>see also</i> Hardware; Saws; Tools)----- Implements which have a cutting edge, typical examples of which are knives, razors, scissors, shears, augers, gimlets, planes, meat choppers, axes, and hatchets. Does not include silver, nickel-silver, and plated table cutlery, which is classified under "Silver-ware and plated ware."	1103
1104	Doors, shutters, and window sash and frames, molding, and trim, metal (<i>see also</i> Foundry and machine-shop products; Structural and ornamental metal work)-----	1122
1105	Files (<i>see also</i> Hardware; Tools)----- The manufacture and recutting of files and rasps.	1103
1106	Firearms (<i>see also</i> Ammunition and related products)----- Rifles, shotguns, revolvers, pistols, stocks, parts, etc.	602
1107	Forgings, iron and steel, not made in plants operated in connection with steel works or rolling mills (<i>see also</i> Steel works and rolling mills)----- Light and heavy drop and steam-hammer forgings, such as chains, anchors, axles, car wheels, frogs, etc.	100
1108	Galvanizing and other coating, not done in plants operated in connection with rolling mills ----- Galvanizing or coating sheet steel or iron or formed products with zinc; coating sheet steel or iron or formed products with aluminum and lead; retinning cans and utensils.	100
1109	Hardware not elsewhere classified (<i>see also</i> Cutlery and edge tools; Files; Nonferrous-metal alloys and products; Saws; Screw-machine products; Sporting and athletic goods; Tools, not including edge tools, machine tools, files, or saws)----- Miscellaneous metal products usually classed as hardware and not belonging to any of the other classifications—for example, "Cutlery," "Tools," "Saws," etc.—the products of which are also sold in hardware stores. Among the chief products of this industry are locks, car seals, seal presses, brackets, andirons and fireplace goods, and trunk trimmings; builders' cabinet, saddlery, harness, car, vehicle (including motor-vehicle), casket, furniture, piano, and organ hardware; vacuum bottles and containers.	1109
1111	<i>Iron and steel, processed. Abandoned as a separate industry classification; combined with No. 1305, "Foundry and machine-shop products, not elsewhere classified," Group 13.</i>	

**INDUSTRY GROUP 11.—IRON AND STEEL AND THEIR PRODUCTS,
NOT INCLUDING MACHINERY—Continued**

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION	Form No.
1113	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills (<i>see also</i> Steel works and rolling mills; Wire, drawn from purchased bars or rods) -----	1113
1114	Plumbers' supplies, not including pipe or vitreous-china sanitary ware (<i>see also</i> Cast-iron pipe; Foundry and machine-shop products; Marble, granite, slate, and other stone products; Nonferrous-metal alloys and products; Stamped ware, enameled ware, and metal stampings; Wrought pipe) ----- Bath and laundry tubs (enameled-iron), bathroom and laundry equipment and fittings of all descriptions except vitreous china and semivitreous or porcelain (all-clay) plumbing fixtures, which are classified under "Pottery"; kitchen and pantry sinks, range boilers, flush valves, faucets, pipe hangers, and kindred products.	1114
1115	Safes and vaults ----- Safes and vaults, safe-deposit boxes and chests, vault doors and linings, safe and vault locks, etc.	100
1116	Saws (<i>see also</i> Cutlery and edge tools; Tools) -----	1103
1117	Screw-machine products and wood screws (<i>see also</i> Bolts, nuts, washers, and rivets; Hardware) ----- Machine screws and a great variety of special parts (most of which are threaded) made on "screw machines", and wood screws.	1101
1118	Springs, steel, except wire, not made in plants operated in connection with rolling mills (<i>see also</i> Carriage, wagon, sleigh, and sled materials; Steel works and rolling mills; Motor-vehicle bodies and motor-vehicle parts) ----- Leaf springs—railway, motor-vehicle, carriage, wagon, etc.; hot-wound springs, railway and other; flat springs, coiled. (Does not include the manufacture of light coiled springs, which are products of the "Wirework, not elsewhere classified", industry.)	1118
1119	Steam and hot-water heating apparatus and steam fittings [<i>see also</i> Foundry and machine-shop products; Stoves and ranges (other than electric) and warm-air furnaces] ----- Hot-water and steam heating apparatus, radiators, valves, gauges, coils, thermostats, etc.	1119
1120	Steel barrels, kegs, and drums ----- Portable iron and steel barrels, kegs, and drums, for shipping and storage purposes.	100
1112	Steel works and rolling mills ----- Establishments engaged in the manufacture of steel or in the rolling of hot iron and steel. Products include steel ingots and direct steel castings; rolled iron and steel, such as rails, splice bars, rail joints, bars and rods, tin-plate bars, wire rods, structural shapes, hoops, bands, and cotton ties; plates and sheets, including black plates and sheets for tinning; nail and tack plates; car axles, rolled and hammered; car wheels; armor plate; gun forgings, etc.	1112
1121	Stoves and ranges (other than electric) and warm-air furnaces (<i>see also</i> Steam and hot-water heating apparatus and steam fittings) All heating and cooking appliances using coal, gas, oil, or other fuel. These include, among others, heating and cooking stoves, ranges, and furnaces; gas fireplaces, logs, and grates; gas and oil water heaters; hot-water tanks; gas pressing irons, hot plates, soldering furnaces, etc.; Bunsen burners.	1119

**INDUSTRY GROUP 11.—IRON AND STEEL AND THEIR PRODUCTS,
NOT INCLUDING MACHINERY—Continued**

OFFICE GROUP 3—Continued.

Ind. No.	CLASSIFICATION	Form No.
1122	Structural and ornamental metal work, not made in plants operated in connection with rolling mills. Structural and ornamental metal work, both ferrous and non-ferrous, for buildings, bridges, and other purposes. Products include structural steel; stairs and staircases; fire escapes; wire mesh for reinforcing concrete; woven wire mesh for other purposes, except fence; bars and rods for reinforcing concrete; metal lath; iron fences and gates, other than wire; grilles and railings; ornamental iron and steel; ornamental bronze work; other nonferrous ornamental work for buildings.	1122
1123	Tin cans and other tinware, not elsewhere classified (see also Copper, tin, and sheet-iron work; Stamped ware, enameled ware, and metal stampings). Packers' cans, plain and decorated tin cans, pails, boxes, and packages; milk cans and ice-cream cans; steam cookers, boilers, and household and cooking utensils; and other tinware not elsewhere classified. Stamped tinware is classified under "Stamped ware, enameled ware, etc."	1123
1124	Tin plate and terneplate, not made in rolling mills. <i>The manufacture of tin plate and terneplate has not been treated as a separate industry since 1923. Production figures are, however, presented in a separate section of the final report. Tin-plate and terneplate establishments which are operated as dipping departments of rolling mills are classified in the "Steel works and rolling mills" industry (No. 1112); and those which are operated by tin-can manufacturers who purchase black plates for coating are classified in the "Tin cans and other tinware, not elsewhere classified" industry (No. 1123).</i>	
1125	Tools, not including edge tools, machine tools, files, or saws (see also Cutlery and edge tools; Files; Hardware; Machine tools; Saws). Hand tools of a more general character than cutlery, saws, files, etc., which are assigned to special classifications. Among the products of this industry are hammers, wrenches, pliers, screw drivers, etc.; hoes, rakes, shovels, and forks; picks and mattocks; levels; soldering irons; and a variety of special tools used by jewelers, plumbers, stonecutters, ironworkers, etc.	1103
1126	Wire, drawn from purchased bars or rods (see also Steel works and rolling mills; Nonferrous-metal alloys and products)	1126
1127	Wirework, not elsewhere classified (see also Mattresses and bed springs; Wire, drawn from purchased bars or rods). Products made of purchased wire, among which are woven fencing, screen, and wire cloth; barbed wire and wire rope and cable; wire springs; and a variety of small wire articles such as baskets, bird cages, traps, clothes hooks and hangers, and many other devices and conveniences. (Wire nails and spikes are classified under "Nails, spikes, etc.")	1127
1128	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills (see also Steel works and rolling mills). Wrought welded pipe and boiler tubes; clinched, brazed, and heavy riveted pipe.	1102

Industry Group 12.—NONFERROUS METALS AND THEIR PRODUCTS

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION [For explanation of asterisks, see p. 15]	Form No.
1201	Aluminum manufactures Aluminum castings, bars, plates, and sheets; aluminum ware, such as kitchen utensils and household appliances (except electric); and other aluminum goods, such as specialties, airplane parts, engine and machine parts, etc. (The extraction of aluminum from the ore is classified in the "Chemicals, not elsewhere classified" industry.)	1201
1202	Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps (The classification covers three abandoned classifications, "Clocks, clock movements, time-recording devices, and time stamps;" "Watch and clock materials and parts, except watchcases"; and "Watches and watch movements").	1202
1203	Collapsible tubes (<i>see also</i> Tin and other foils).....	1203
1204	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified (<i>see also</i> Nonferrous-metal alloys and products; Roofing, etc.; Tin cans and other tinware)..... The shop production, but <i>not</i> the installation of cornices, ventilators, skylights, gutters, and similar sheet-metal work for buildings; the manufacture of sheet-metal products such as stovepipe, smokestacks, tanks and bins, furnace casings, and other articles of the kind.	100
1205	Electroplating Electroplating of all descriptions, such as nickel plating, silver plating, etc., on a contract basis on articles owned by others.	100
1206	Fire extinguishers, chemical Portable fire extinguishers, hose reels, and other apparatus (except motor-propelled apparatus, which is classified in the motor-vehicle industry) and appliances for fire extinguishing by means of chemicals; chemical preparations for use with such apparatus and appliances; hand grenades for fire extinguishing, etc.	100
1207	<i>Gas and electric fixtures; lamps, lanterns, and reflectors. Title changed to "Lighting equipment."</i>	
1208	Gold leaf and foil (<i>see also</i> Tin and other foils)..... Gold leaf and foil for decorators, sign painters, etc. (made by establishments generally known as goldbeaters).	1208
1209	Gold, silver, and platinum, reducing and refining, not from the ore ... The reduction and refining of precious metals, chiefly from the waste and sweepings of factories engaged in the manufacture of jewelry, silverware, etc.	100
*1224	Jewelers' findings and materials Unassembled parts of jewelry (not including gems and stones), such as balls, beads, links, and pinstems; stock-shop products (sheets, wire, and tubing).	*1210
1210	Jewelry Rings, pins, bracelets, and chains; gold trimmings for umbrellas, canes, etc.; diamond setting and mounting. (Gem cutting is classified as "Lapidary work.")	1210

INDUSTRY GROUP 12.—NONFERROUS METALS AND THEIR PRODUCTS—Continued

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION	Form No.
1207	Lighting equipment <i>(Industry title changed. Formerly "Gas and electric fixtures; lamps, lanterns, and reflectors.")</i> Lighting fixtures and other lighting equipment for homes, offices, public buildings, and outdoor use; lamps and headlights for motor vehicles, locomotives, etc.; searchlights, spotlights, and flood lights; lamps and lanterns; reflectors and shades. (Electric bulbs are classified under "Electrical machinery, apparatus, and supplies.")	1207
1211	Needles, pins, hooks and eyes, and snap fasteners (<i>see also Buttons</i>)... Machine and hand needles, knitting and sewing; toilet, hat, and safety pins, wire hairpins, etc.; glove fasteners, snap fasteners, slide fasteners, hooks and eyes, etc.	1211
1212	Nonferrous-metal alloys and products, not including aluminum products (<i>see also Lighting equipment; Hardware; Plumbers' supplies; Smelting and refining, metals other than gold, silver, or platinum; Wire, drawn from purchased bars or rods</i>)..... <i>(Prior to the census for 1929 three separate industry classifications—"Babbitt metal, white metal, type metal, and solder"; "Brass, bronze, and other nonferrous alloys, and manufactures of these alloys and of copper, not specifically classified," "Lead: Bar, pipe, and sheet.")</i> Lead, bar, pipe, and sheet; antifriction-bearing metals; type metal; solders; bars and rods of brass, bronze, and other nonferrous alloys, such as Monel metal and German silver; plates, sheets, rods, tubing, castings, and machinery fittings made from copper or zinc or from brass, bronze, or other nonferrous alloys; various finished products, such as die-castings, extruded shapes, car and engine brasses, refinished brass work, oiling devices, hose couplings, stair plates and rods, fenders, screen plates, spun metal, bells, etc. Copper ingots are normally products of the "Smelting and refining, copper" industry. Establishments engaged in the manufacture of wire from purchased bars or rods are classified in the "Wire, drawn from purchased bars or rods" industry. Establishments engaged primarily in the manufacture of lighting equipment, hardware, and plumbers' supplies are not to be classified in this industry, these lines of manufacture being covered by separate classifications. (<i>See Cross references, above.</i>)	1212
1213	Plated ware. <i>Abandoned as a separate classification; combined with "Silversmithing and silverware" under title "Silverware and plated ware."</i>	
1213	Silverware and plated ware Knives, forks, spoons, and other flat ware, hollow ware, toilet ware, ornaments, ecclesiastical ware, novelties, etc., of solid silver, or metal plated with silver, gold, or other metal, or of nickel-silver, or of pewter.	1213
1214	Silversmithing and silverware. <i>Abandoned as a separate industry classification; combined with "Plated ware" under title "Silverware and plated ware."</i> Articles plated with gold, silver, or other metals; articles made of nickel-silver or pewter.	
1215	Smelting and refining, copper (<i>see also Nonferrous-metal alloys and products</i>).....	1212

INDUSTRY GROUP 12.—NONFERROUS METALS AND THEIR
PRODUCTS—Continued

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION	Form No.
1216	Smelting and refining, lead (<i>see also</i> Nonferrous-metal alloys and products).....	1212
1217	Smelting and refining, metals other than gold, silver, or platinum, not from the ore (<i>see also</i> Nonferrous-metal alloys and products).... The smelting and refining of scrap metals and dross of all kinds, except gold, silver, and platinum, for which there is a special classification.	1212
1218	Smelting and refining, zinc.....	1212
1219	Stamped ware, enameled ware, and metal stampings; enameling, japanning, and lacquering (<i>see also</i> Plumbers' supplies: Tin cans and other tinware)..... Stamped and enameled sheet-metal products of all kinds, except those classifiable in "Plumbers supplies" or "Tin cans and other tinware"; perforated metals and metal stampings, including stamped machine parts; japanning, lacquering, and paint-enameling on bathroom fixtures, bedsteads, motor-vehicle and bicycle parts, sewing machines and other machines, typewriters, signs, emblems, tags, gas and electric fixtures; vitreous enameling household and hospital ware, stove parts, etc.	1219
1220	Tin and other foils, not including gold foil (<i>see also</i> Gold leaf and foil).. Tin foil, aluminum foil and leaf, lead foil, etc.	1208
1221	<i>Watch and clock materials and parts, except watchcases. Abandoned as a separate industry classification; combined with "Clocks, clock movements, time-recording devices, and time stamps" and "Watches and watch movements" to form No. 1202, "Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps."</i>	
1222	Watchcases (<i>see also</i> Watch and clock materials and parts, except watchcases).....	1202
1223	<i>Watches and watch movements. Abandoned as a separate industry classification; combined with "Clocks, watch movements, time-recording devices, and time stamps" and "Watch and clock materials and parts, except watchcases" to form No. 1202, "Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps."</i>	

Industry Group 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION	Form No.
1301	Agricultural implements [<i>see also</i> Carriages, wagons, sleighs, and sleds; Engines, turbines, tractors, water wheels, and windmills; Pumps (hand and power) and pumping equipment]----- Machines, usually operated by horse or other power, for plowing, harrowing, planting, cultivating, harvesting, threshing, and other operations and processes pertaining to agriculture.	1301
1302	Cash registers, adding machines, and calculating machines ----- Adding machines, cash registers and similar devices, fare registers and recording fare boxes, ticket-counting machines, coin changers, rotary wage tables, slide rules, and other calculating and computing machines and devices.	1302
1303	Electrical machinery, apparatus, and supplies (<i>see also</i> Locomotives).. All classes of machinery, apparatus, and supplies for employment directly in the generation, storage, transmission, or utilization of electric energy. Products include electric locomotives, dynamos, motors, batteries, transformers, switchboards, panel boards, cut-out cabinets, carbons, arc and incandescent lamps, projectors and focusing lamps, sockets, transmitters, receivers, lightning arresters, rheostats and resistances, electric welding apparatus, electric therapeutic apparatus, switches, signals, telegraph and telephone apparatus, fire-alarm apparatus, miscellaneous electric household appliances, etc.	1303
1304	Engines, turbines, tractors, water wheels, and windmills (<i>see also</i> Agricultural implements; Foundry and machine-shop products; Locomotives)----- Steam engines—reciprocating and turbine; internal-combustion engines—fuel-injection and carburetor types; tractors; water wheels and turbines; windmills.	1304
1305	Foundry and machine-shop products, not elsewhere classified ----- All products of boiler shops, foundries, and machine shops not classified in any of the other industries.	1305
1306	Gas machines, gas meters, and water and other liquid meters (<i>see also</i> Foundry and machine-shop products)----- Machines for manufacturing gas, acetylene generators, gas meters, water meters, gas and water regulators, etc.	1306
1318	Machine-tool accessories and machinists' precision tools and instruments ----- <i>This classification established after publication of "Industry Classifications for the Census of Manufactures, 1929" but before preparation of 1929 report. (Title as appearing in 1929 report was "Machine-tool accessories and small metal-working tools.")</i> Attachments, fixtures, and small tools (chucks, jigs, cutters, drills, reamers, taps, etc.) for use chiefly with machine tools; precision measuring tools (micrometers, verniers, and gauges).	1307
1307	Machine tools (<i>see also</i> Foundry and machine-shop products; Cutlery and edge tools; Tools)----- Power-driven machines for cutting and shaping metals, such as lathes, planers, drilling machines, etc. Machine tools are designed for more or less general use, as distinct from machines designed for manufacturing special articles. Portable hand tools (power-driven) for calking, riveting, and driving screws are also included under this classification.	1307
1308	Metal-working machinery, other than machine tools. Abandoned before the publication of the 1929 report; combined with No. 1305, "Foundry and machine-shop products, not elsewhere classified," Group 13.	

INDUSTRY GROUP 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT—Continued

OFFICE GROUP 3—Continued

Ind. No.	CLASSIFICATION [For explanation of asterisks, see p. 15]	Form No.
1309	Pumps (hand and power) and pumping equipment (<i>see also Foundry and machine-shop products</i>)..... Pumps for air, water, oil, and other fluids, both hand and power; residence water-supply systems; gasoline filling-station pumps; spraying outfits; pump jacks and other pumping equipment.	1309
*1319	Radio apparatus and phonographs (<i>see also Electrical machinery, apparatus, and supplies; Musical instruments: Pianos; Musical instruments and parts and materials, not elsewhere classified</i>)..... (New classification. Radio apparatus was formerly classified under "Electrical machinery, apparatus, and supplies" and "Phonographs" were formerly classified separately.) All kinds of radio apparatus, including tubes, for transmitting and receiving; all kinds of machines for mechanically recording or reproducing speech, music, or other sounds; combination radios and phonographs; parts and supplies, such as mechanical parts, record blanks, and records.	*1319
1310	Refrigerators, mechanical All types of refrigerators which do not use ice as the refrigerating medium. Such refrigerators include not only the motor-driven type but also those which use heat to actuate the cooling medium.	1310
1311	Scales and balances Scales, balances, weighing machines and apparatus, automatic and computing weighing machines, etc.	1302
1312	Sewing machines and attachments	1312
1313	Textile machinery and parts All classes of textile machinery and parts, including machinery for bleaching, dyeing, printing, mercerizing, finishing, etc.	1313
1314	Typewriters and parts	1302
1315	Washing machines, wringers, driers, and ironing machines, for household use (<i>see also Foundry and machine-shop products</i>)..... Washing machines, wringers, drying machines, and ironing machines, whether operated by mechanical power or by hand, for use in homes. (Laundry machinery for use in commercial laundries only is to be classified under "Foundry and machine-shop products, not elsewhere classified.")	1312
1316	<i>Windmills and windmill towers. Abandoned as a separate industry classification; combined with No. 1304, with title changed to "Engines, turbines, tractors, water wheels, and windmills."</i>	
1317	<i>Woodworking machinery. Abandoned as a separate industry classification before the publication of the 1929 report. No separate statistics for this industry were ever compiled. Included in No. 1305, "Foundry and machine-shop products, not elsewhere classified."</i>	
SPECIAL INQUIRY		
1376	Annual: Farm equipment—Manufacture and sale	1376

Industry Group 14.—TRANSPORTATION EQUIPMENT, AIR, LAND, AND WATER

OFFICE GROUPS 3 AND 6

Ind. No.	CLASSIFICATION	Form No.
1401	Aircraft and parts ----- All types of aircraft (including balloons) and parts.	1401
1402	Carriage, wagon, sleigh, and sled materials, made for sale as such (<i>see also</i> Carriages, wagons, sleighs, and sleds; Motor-vehicle bodies and motor-vehicle parts; Springs, steel)----- Bodies, tops, cushions, hubs, felloes, spokes, wheels, whiffle- trees, carriage boots and aprons, axles, dashboards, neck yokes, whip sockets, and other materials and parts except springs, which are separately classified.	100
1403	Carriages and sleds, children's (<i>see also</i> Furniture)----- Baby carriages, "walkers," gocarts, sleds, doll carriages, chil- dren's velocipedes and tricycles, children's express wagons, etc.	1648
1404	Carriages, wagons, sleighs, and sleds (<i>see also</i> Agricultural imple- ments; Carriage, wagon, sleigh, and sled materials; Motor vehicles; Motor-vehicle bodies and motor-vehicle parts)----- Complete carriages, wagons, sleighs, sleds, pungs, handcars, pushcarts, and wheelbarrows.	1404
1405	Cars, electric and steam railroad, not built in railroad repair shops (<i>see also</i> Car and general construction and repairs, electric-railroad repair shops; Car and general construction and repairs, steam- railroad repair shops)-----	1405
1406	Locomotives (other than electric), not made in railroad repair shops (<i>see also</i> Car and general construction and repairs, steam-railroad repair shops; Engines, turbines, tractors, water wheels, and wind- mills; Electrical machinery, apparatus, and supplies)----- All kinds of steam and internal-combustion locomotives. (Electric locomotives are classified under "Electrical machinery, apparatus, and supplies.")	1406
1407	Motor-vehicle bodies and motor-vehicle parts (<i>see also</i> Carriage, wagon, sleigh, and sled materials; Motor vehicles)----- Establishments engaged primarily in the manufacture of (a) motor-vehicle bodies; (b) parts and accessories such as gears, wheels, radiators, bumpers, axles, rear-axle housings, axle shafts, shock absorbers, windshields, rims, frames, horns, windshield wipers, and various other assemblies and parts, not including complete chassis, which are classified under "Motor vehicles." (a) Bodies. (b) Parts and accessories.	1407
1408	Motor vehicles, not including motorcycles (<i>see also</i> Carriages, wagons, sleighs, and sleds; Motor-vehicle bodies and motor-vehicle parts)--- All complete four-wheeled motor vehicles—automobiles, trucks, motor busses, etc.—and complete chassis and trailers.	1408
1409	Motorcycles, bicycles, and parts ----- Complete motorcycles, side cars, and bicycles, and motorcycle and bicycle parts, such as saddles, seat posts, frames, gears, handle- bars, chains, etc. Establishments which manufacture complete motorcycles or bicycles by merely assembling purchased parts are included under this classification.	1409

INDUSTRY GROUP 14.—TRANSPORTATION EQUIPMENT, AIR, LAND,
AND WATER—Continued

OFFICE GROUPS 3 AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1410	Ship and boat building, steel and wooden, including repair work.... The building of all classes of steel and wooden vessels, including yachts, rowboats, canoes, etc.; repairs to such vessels; masts, spars, and other accessories for such vessels; the rigging of such vessels.	1410

Industry Group 15.—RAILROAD REPAIR SHOPS
OFFICE GROUP 3

Ind. No.	CLASSIFICATION	Form No.
1501	Car and general construction and repairs, electric-railroad repair shops (<i>see also</i> Cars, electric and steam railroad)----- Shopwork done by electric-railroad companies; principally repairs to rolling stock and bridges belonging to the company operating the shop. Some shops, however, build new cars, and some perform repair work for other railroad companies.	1501
1502	Car and general construction and repairs, steam-railroad repair shops (<i>see also</i> Cars, electric and steam railroad; Locomotives)----- Shopwork done by steam-railroad companies; principally repairs to rolling stock and bridges belonging to the company operating the shop. Some shops, however, build new cars and locomotives, and some perform repair work for other railroad companies.	1501

Industry Group 16.—MISCELLANEOUS INDUSTRIES

OFFICE GROUPS 2, 4, AND 6

Ind. No.	CLASSIFICATION	Form No.
1601	Artificial and preserved flowers and plants (<i>see also</i> Feathers, plumes, and manufactures thereof; Millinery)-----	100
	Artificial leaves, palms, grasses, wreaths, plants, foliage and vines, buds, and fruits; wax flowers; preserved flowers, plants, stems, and other material for the manufacture of artificial flowers.	
1602	<i>Artificial limbs. Abandoned as a separate industry classification and combined with "Surgical appliances" under the title "Surgical and orthopedic appliances, including artificial limbs," prior to the publication of the 1929 report. See No. 1645, "Surgical and orthopedic appliances, and related products."</i>	
1603	Artists' materials -----	100
	Colors, crayons, driers, and varnishes; brushes, palettes, canvases, easels, drawing boards, and sketching boxes; enamel and paint for china painting; pyrography materials and points; drawing inks, etc.	
1604	Brooms -----	1604
	Brooms, whisk brooms, etc., made of broom corn or of fiber; street and stable brooms made of heavier materials.	
1605	Brushes, other than rubber (<i>see also</i> House-furnishing goods; Rubber goods other than tires, inner tubes, and boots and shoes)-----	1604
	Paint, floor, whitewash, and other brushes, not including those made of rubber.	
1606	Buttons (<i>see also</i> Needles, pins, hooks and eyes, and snap fasteners)---	1606
	All kinds of buttons, parts of buttons, and button blanks or molds.	
1607	Carbon paper and inked ribbons -----	1607
1608	Cigars and cigarettes (<i>see also</i> Tobacco: Chewing and smoking, and snuff)-----	1698
	(a) Cigars.	
	(b) Cigarettes.	
1609	Combs and hairpins, not made from metal or rubber (<i>see also</i> Fancy and miscellaneous articles; Ivory, shell, and bone work; Needles, pins, hooks and eyes, and snap fasteners; Rubber goods other than tires, inner tubes, etc.)-----	100
	Combs and hairpins for dressing or for ornamenting the hair, made from fiber, bone, horn, tortoise shell, celluloid, and ivory; also novelties for women's headress, barrettes, hair-puff pins, hair ornaments, comb mountings, etc.	
1610	<i>Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies. Abandoned as a separate industry classification. Establishments formerly classified in this industry are included in "Cooper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified"; "Flavoring extracts and flavoring sirups"; "Planing-mill products (including general mill-work), not made in planing mills connected with sawmills"; "Tin cans and other tin-ware, not elsewhere classified"; "Wood turned and shaped and other wooden goods, not elsewhere classified."</i>	

INDUSTRY GROUP 16.—MISCELLANEOUS INDUSTRIES—Continued

OFFICE GROUPS 2, 4, AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1611	Dentists' supplies and equipment, except instruments (<i>see also</i> Abrasive wheels, etc.; Instruments, professional and scientific, and gauges, except machinists' gauges)----- Artificial teeth, filling material, dental alloys, plate material, carborundum disks and wheels, mandrels, casting machines, dental files, impression materials, gold crown and bridge work, rubber plate work and suction plates and cups, workshop tools, etc. (Dental instruments are to be classified under "Instruments, professional and scientific.")	1611
1612	Fancy and miscellaneous articles, not elsewhere classified (<i>see also</i> Boxes, paper; Combs and hairpins; Ivory, shell, and bone work; Signs and advertising novelties)----- Beaded articles, celluloid novelties, art novelties, holiday goods, photo jewelry and buttons, inlaid veneer work, silk watch chains, burnt-wood articles, lamp shades, bric-a-brac, composition ornaments, needle and pin books, decalcomania work (when not on china or glass), and many other miscellaneous small articles not covered by distinct classifications.	100
1613	Feathers, plumes, and manufactures thereof (<i>see also</i> Artificial and preserved flowers and plants; Millinery)----- Production of fancy feathers, plumes, quills, and articles made principally from feathers and plumes; curling, dyeing, and renovating ostrich feathers for the trade. (Establishments engaged wholly or mainly in the performance of custom work are not to be included.)	100
1614	Foundry supplies ----- Foundry supplies, such as cement for castings, core oils and compounds, chaplets, wax and flux, "parting" composition, flasks, sieves, pipe blacking, plumbago, etc.	100
1615	Fur goods (<i>see also</i> Hats and caps, except felt and straw, men's)----- Fur and fur-lined coats and overcoats, fur neck pieces of all kinds, fur hats and caps, fur trimming, fur robes, all other fur and fur-lined goods.	1615
1616	Furs, dressed ----- The scraping, currying and tanning, and bleaching and dyeing of pelts for use in the manufacture of fur goods, and the dressing of hair and bristles. In many cases this work is done for others on a contract basis.	100
1617	Hair work ----- Wigs, switches, braids, puffs, and related articles made largely from human hair but in some cases from mohair or other animal hair.	100
1618	Hand stamps and stencils and brands [<i>see also</i> Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking; Labels and tags]----- Rubber and metal stamps, dies, seals, and presses, steel letters and figures, check protectors, date and time stamps, numbering machines, copper and brass stamps for marking textiles, steel shoe stamps, etc. Stencils made of brass, steel, or other material for use in painting or marking or in addressing machines; branding irons to be heated for marking casks, boxes, articles of merchandise, etc.	100

INDUSTRY GROUP 16.—MISCELLANEOUS INDUSTRIES—Continued

OFFICE GROUPS 2, 4, AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1619	Hats, straw, men's (<i>see also</i> Millinery)----- The manufacture of men's straw hats and the bleaching and finishing of Panama and other straw hats. (Trimmed hats for women and children are to be classified under "Millinery, not elsewhere classified.")	230
1620	Instruments, professional and scientific, and gauges, except machinists' gauges (<i>see also</i> Optical goods)----- Dental, surgical, veterinarians', and other professional instruments; drafting, surveying, and nautical instruments; instruments for laboratory work and scientific research, except microscopes and telescopes; gauges for measuring pressure (including barometers), speed, temperature, or direction. (Machinists' gauges are classified under "Machine tool accessories and machinists' precision tools and instruments" and optical instruments under "Optical goods.")	1620
1621	Ivory, shell, and bone work, not including buttons, combs, or hairpins (<i>see also</i> Buttons; Combs and hairpins; Fancy and miscellaneous articles)----- Articles made of ivory, shell, mother-of-pearl, horn, or bone, not elsewhere classified. Products include mosaics, knife handles and tips, fobs, buckles, and other fittings for jewelers' use, manicure implements, watch chains, stick pins, hatpins, inlaying for musical instruments, etc.	100
1622	Jewelry and instrument cases ----- Cases, trays, fancy boxes, etc., for jewelry, instruments, cutlery, eyeglasses, combs, compasses, cigarettes, pipes, toilet sets, etc.	100
1623	Lapidary work (<i>see also</i> Jewelry)----- Cutting and polishing diamonds and other precious or semi-precious stones; drilling pearls; recutting and setting for the trade; preparing jewels for surveyors' and electrical instruments and for watches and chronometers, and real and imitation stones for emblems. Much of the work is done on a contract basis on materials owned by others.	100
1624	Mattresses and bed springs, not elsewhere classified (<i>see also</i> Furniture; Wirework)----- Mattresses filled with hair, cotton, felt, moss, or similar material; assembled wire springs for use on beds, couches, and cots; spring cushions and spring mattresses. (The individual spiral springs are classified under "Wirework.")	1624
1625	Models and patterns, not including paper patterns ----- Patterns and models for use in making matrices or molds for casting metal or for making brick, glassware, etc.; hat blocks, pottery braces, wax figures, dress and show forms, stamping outfits, etc.	100
1626	Motion pictures, not including projection in theaters ----- All processes and activities connected with the production of motion pictures, <i>not including their projection in theaters.</i>	1626
1627	Musical-instrument parts and materials: Piano and organ (<i>see also</i> Musical instruments: Organs; Musical instruments: Pianos; Hardware)----- Piano strings, plates, keys, actions, keyboards, cases, back frames, pedal attachments, hammers, sounding boards, legs, and trusses; organ reeds, pipes, stops, knobs, pedals, and reed boards; and all other parts and materials for pianos and organs, except piano and organ hardware.	1628

INDUSTRY GROUP 16.—MISCELLANEOUS INDUSTRIES—Continued

OFFICE GROUPS 2, 4, AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1628	Musical instruments and parts and materials, not elsewhere classified. All kinds of complete musical instruments except pianos, organs, and orchestrions; parts and materials for musical instruments other than pianos, organs, and orchestrions.	1628
1629	Musical instruments: Organs (<i>see also</i> Musical instruments: Pianos; Musical-instrument parts and materials: Piano and organ) ----- Complete organs (pipe and reed).	1628
1630	Musical instruments: Pianos (<i>see also</i> Musical instruments: Organs; Musical-instrument parts and materials: Piano and organ) ----- Complete pianos, with or without player attachments.	1628
1631	Optical goods (<i>see also</i> Jewelry; Instruments, professional and scientific, and gauges, except machinists' gauges; Photographic apparatus and materials and projection apparatus) ----- This classification covers manufacturing opticians but not small shops in which eyeglasses are fitted to order. Although some establishments produce complete spectacles and eyeglasses of various kinds, most of them either grind the lenses or make the frames but are not engaged in both lines of manufacture. Products include eyeglasses, frames, and mountings, goggles, microscopes, telescopes, opera glasses, ophthalmic instruments and apparatus, optometers, photomicro and micro-projection apparatus, refractometers, spectrometers, optical measuring instruments, range finders, fire-control apparatus, photographic and projection lenses and prisms and lenses for other purposes, and optical glass, machinery, and tools.	1631
1632	Paving materials: Asphalt, tar, crushed slag, and mixtures ----- Paving blocks and other materials for streets, sidewalks, and floors. Blocks are made of asphalt, creosoted wood, and various compositions. (Stone paving blocks, including granite, are classified under "Marble, granite, slate, and other stone products." The mixed paving materials are chiefly tar and asphalt mixtures. The unmixed materials include aggregates such as crushed slag and stone, and, for binders, distillates and residues such as tar, pitch, etc.	100
1633	Pencils, lead (including mechanical) ----- Complete lead pencils, wood and metal; pencils with removable holders and removable leads; holders only; leads only.	1634
1634	Pens, fountain and stylographic; pen points, gold, steel, and brass Complete fountain pens, stylographic pens, and ink pencils; rubber holders and other parts; gold pens; steel and other metal pens.	1634
1635	<i>Phonographs. Abandoned. Included in new industry classification. See No. 1319, "Radio apparatus and phonographs."</i>	
1636	Photographic apparatus and materials and projection apparatus ----- Cameras, including motion-picture cameras, photostat machines, blue-printing machines, flashlight apparatus, tripods, film rewinders and reels, plate holders, developing tanks, shutters, etc.; films, plates, developers, etc.; projection machines of all types, both home and commercial, including "Movie-talkie" machines. (Includes unexposed motion-picture films.)	1636
1637	Pipes (tobacco) ----- All kinds of smokers' pipes, pipestems, etc.	100

INDUSTRY GROUP 16.—MISCELLANEOUS INDUSTRIES—Continued

OFFICE GROUPS 2, 4, AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1638	Roofing, built-up and roll; asphalt shingles; roof coatings other than paint [<i>see also</i> Asbestos products; Clay products (other than pottery) and nonclay refractories; Copper, tin, and sheet-iron work; Paints and varnishes].....	1638
	Asphalt shingles, roofing cement, crushed furnace slag, tarred and other saturated felts, mastic, and roofing pitch. (The laying of roofing, which is a building and not a manufacturing process, is not included in this industry.)	
1639	Sandpaper, emery paper, and other abrasive paper and cloth. <i>Abandoned as a separate industry classification; combined with "Emery wheels and other abrasive and polishing appliances" and "Hones, whetstones, and similar products." See No. 1021, "Abrasive wheels, stones, paper, and cloth, and related products."</i>	
1640	Signs and advertising novelties (<i>see also</i> Fancy and miscellaneous articles).....	1640
	Electric signs; other signs, such as illuminated signs, "talking signs," street-car destination signs, painted and decorated show cards, etc.; advertising novelties—tools, utensils, and conveniences such as corkscrews, match boxes, calendars, memorandum books, etc., marked with advertising notices.	
1641	Soda-water apparatus	100
	Soda fountains, tanks, siphons, etc.	
1642	Sporting and athletic goods, not including firearms or ammunition (<i>see also</i> Ammunition and related products; Firearms; Toys, games, and playground equipment).....	1642
	Fishing tackle; baseball, football, basketball, tennis, golf, and polo goods; gymnasium equipment; hunting and target-shooting equipment, except firearms and ammunition; skates, ice and roller; snowshoes; toboggans; etc.	
1643	Stationery goods, not elsewhere classified (<i>see also</i> Envelopes; Paper; Paper goods; Pencils, lead (including mechanical); Pens, fountain and stylographic; pen points, gold, steel, and brass; Typewriters and parts).....	100
	Papeterie and other stationers' specialties; inkstands; pen-holders, desk pads, etc.; calendars; copying devices; maps (wall, school, and other) and globes; school supplies; etc.	
1644	Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified (<i>see also</i> Asbestos products; Rubber goods)....	1001
	Packing for use in stuffing boxes of steam engines, in pipe joints of many kinds, and in air compressors; gaskets for internal-combustion engines; heat-insulating materials for use as covering on boilers, steam and hot-water pipes, ammonia pipes in refrigerating plants, etc.	
1645	Surgical and orthopedic appliances, and related products (<i>see also</i> Dentists' supplies and equipment, except instruments; Instruments, professional and scientific, and gauges, except machinists' gauges)...	100
	Surgical appliances (not including surgical instruments and artificial limbs. Specific products include trusses, braces, belts, and other orthopedic devices; bandages, dressings, and gauze; douches, pneumatic splints, eardrums, sutures, etc.; artificial legs, arms, hands, and feet; crutches. Surgical instruments are classified under "Instruments, professional and scientific, and gauges, except machinists' gauges.")	

INDUSTRY GROUP 16.—MISCELLANEOUS INDUSTRIES—Continued

OFFICE GROUPS 2, 4, AND 6—Continued

Ind. No.	CLASSIFICATION	Form No.
1645	<i>Surgical appliances. Prior to the publication of the 1929 report, title changed to "Surgical and orthopedic appliances, including artificial limbs." For 1931, title changed to "Surgical and orthopedic appliances, and related products."</i>	
1646	Theatrical scenery and stage equipment Scenery for theaters, opera houses, halls, and schools; advertising curtains; stage hardware and equipment; floats for street pageants; etc. (Incidental work done on scenery in theaters is not included.)	100
1647	Tobacco: Chewing and smoking, and snuff (<i>see also Cigars and cigarettes</i>).....	1608
1648	Toys (not including children's wheel goods or sleds), games, and playground equipment (<i>see also Carriages and sleds, children's; Paper goods; Rubber goods other than tires, inner tubes, and boots and shoes; Sporting and athletic goods</i>)..... All games for adults except those classifiable under "Sporting and athletic goods, not including firearms or ammunition" and those played with ordinary playing cards (classified under "Paper goods, not elsewhere classified"); all games for children; magic lanterns; dolls and doll clothing; toy furniture and utensils; toy building blocks; children's driving reins; rattles and floor-rolling chimes; toy drums; hobbyhorses and rocking-horses; kites; masks; mechanical toys; toy railways, engines, and cars; toy savings banks; wigwags; marbles; fabric and leather-covered balls; toy tools, canes, pistols, bells, and air rifles, etc.; conjuring apparatus; puzzles, tricks, and novelties; educational boards; carousels; playground equipment.	1648
1649	Umbrellas, parasols, and canes (<i>see also Jewelry; Silverware and plated ware</i>)..... Umbrellas, parasols, cases, handles (other than gold or silver), frames and other parts; canes. (Gold handles are to be classified under "Jewelry" and silver handles under "Silverware and plated ware.")	100
1650	Whips Whips, riding whips, and crops; whipstocks, whip handles, whiplashes, etc.	100
1651	Window shades and fixtures Window shades, rollers, curtain poles and rods, etc.	100
SPECIAL INQUIRIES		
1676	Power laundries	1676
1677	Dyeing and cleaning establishments	1677

CHANGES IN CLASSIFICATIONS AND IN INDUSTRY TITLES

GROUPING OF INDUSTRIES, 1931

1. Food and kindred products.
2. Textiles and their products.
3. Forest products.
4. Paper and allied products.
5. Printing, publishing, and allied industries.
6. Chemicals and allied products.
7. Products of petroleum and coal.
8. Rubber products.
9. Leather and its manufactures.
10. Stone, clay, and glass products.
11. Iron and steel and their products, not including machinery.
12. Nonferrous metals and their products.
13. Machinery, not including transportation equipment.
14. Transportation equipment, air, land, and water.
15. Railroad repair shops.
16. Miscellaneous industries.

CHANGES IN GROUPS

Group 3.—FOREST PRODUCTS.

Furniture, including store and office fixtures.—Prior to preparation of 1929 report, this classification changed to cover establishments manufacturing sewing-machine cases, cabinets, and tables, formerly assigned to *Sewing machines, cases, and attachments*, Group 13.

Group 4.—PAPER AND ALLIED PRODUCTS.

Paper patterns.—Prior to preparation of 1929 report, combined with *Printing and publishing, book and job*, Group 5.

Group 5.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.

Printing and publishing, book and job.—Prior to preparation of 1929 report, classification changed to cover establishments manufacturing paper patterns, formerly assigned to a separate classification *Paper patterns* in Group 4.

Group 6.—CHEMICALS AND ALLIED PRODUCTS.

Oils, not elsewhere classified.—Prior to preparation of 1929 report, establishments manufacturing lubricating oils as primary products, formerly assigned to this industry, were transferred to *Lubricating oils and greases, not made in petroleum refineries*, Group 7.

Group 7.—PRODUCTS OF PETROLEUM AND COAL.

Lubricating oils and greases, not made in petroleum refineries.—Prior to preparation of 1929 report, this classification changed to cover establishments manufacturing lubricating oils as primary products, formerly assigned to *Oils, not elsewhere classified*, Group 6.

Group 10.—STONE, CLAY, AND GLASS PRODUCTS.

Grindstones, pulpstones, and millstones.—At census for 1931 abandoned as a separate manufactures classification. Establishments producing this class of products considered as engaged chiefly in quarrying operations.

Sandpaper, emery paper, and other abrasive paper and cloth.—Transferred from Group 16, *Miscellaneous industries*, and combined with *Emery wheels and other abrasive and polishing appliances and Hones, whetstones, and similar products* to form the classification *Abrasive wheels, stones, paper, and cloth, and related products*.

Group 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY.

Iron and steel, processed.—Abandoned as a separate classification. Establishments formerly assigned to this industry transferred to *Foundry and machine-shop products, not elsewhere classified*, Group 13.

Group 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT.

Foundry and machine-shop products, not elsewhere classified.—At census for 1931 classification *Iron and steel, processed*, formerly in Group 11, was abandoned and combined with this industry.

Radio apparatus and phonographs.—New classification. This classification covers establishments manufacturing radio apparatus, formerly assigned to *Electrical machinery, apparatus, and supplies*, with those formerly classified in the phonograph industry, under new classification title *Radio apparatus and phonographs*.

Sewing machines, cases, and attachments.—Prior to preparation of 1929 report, this classification changed by the transfer of establishments manufacturing sewing-machine cases, cabinets, and tables to *Furniture, including store and office fixtures*, Group 3.

Group 16.—MISCELLANEOUS INDUSTRIES.

Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.—Abandoned; establishments formerly assigned to this industry transferred to classifications having similar products.

Jewelers' findings and materials.—New classification.

Phonographs.—Transferred to Group 13 and combined with radio apparatus to form new classification *Radio apparatus and phonographs*.

INDUSTRY CHANGES, BY GROUPS**Group 1.—FOOD AND KINDRED PRODUCTS.**

Lard substitutes and vegetable cooking oils.—Prior to preparation of 1929 report title changed to *Shortenings (not including lard) and vegetable cooking oils*. At census for 1931 title changed to *Shortenings (other than lard) and vegetable cooking oils and salad oils*.

Peanuts, walnuts, and other nuts, processed.—Prior to preparation of 1929 report title changed to *Peanuts, walnuts, and other nuts, processed or shelled*.

Oleomargarine and other butter substitutes, not made in meat-packing establishments.—Prior to preparation of 1929 report title changed to *Oleomargarine, not made in meat-packing establishments*. At census for 1931 title changed to *Oleomargarine and other margarines, not made in meat-packing establishments*.

Shortenings (other than lard) and vegetable cooking oils and salad oils.—See *Lard substitutes*, above.

Group 2.—TEXTILES AND THEIR PRODUCTS.

Belting and hose, other than leather, rubber, and balata, made from purchased fabrics.—

Prior to preparation of 1929 report title changed to *Belting other than leather and rubber, not made in textile mills.*

Clothing, work (except shirts), men's.—Prior to preparation of 1929 report title and classification changed to *Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.*

Nets and seines.—Title changed to *Nets (fish) and seines.*

Regalia, badges, and emblems.—Title changed to *Regalia, robes, vestments, and badges.*

Group 3.—FOREST PRODUCTS.

Furniture, including store and office fixtures.—Prior to preparation of 1929 report this classification changed to include manufacture of sewing-machine cases, cabinets, and tables when made as primary products.

Pulp goods.—Title changed to *Pulp goods and molded composition products.*

Group 4.—PAPER AND ALLIED PRODUCTS.

Paper patterns.—Prior to preparation of 1929 report abandoned as a separate industry classification. Included in No. 508, *Printing and publishing, book and job.*

Group 5.—PRINTING, PUBLISHING, AND ALLIED PRODUCTS.

Printing and publishing, book and job.—Classification changed to include *Paper patterns.*

Printing materials, not including type or printing ink.—Prior to preparation of 1929 report title changed to *Printing materials, not including type or ink.*

Group 6.—CHEMICALS AND ALLIED PRODUCTS.

Alcohol, ethyl.—Before preparation of 1929 report title changed to *Alcohol, ethyl, and distilled liquors.*

Patent and proprietary medicines.—Prior to preparation of 1929 report title changed to *Patent or proprietary medicines.*

Oils, not elsewhere classified.—Prior to publication of 1929 report classification changed by exclusion of products of establishments manufacturing lubricating oils as a primary product. Such establishments included in No. 704, *Lubricating oils and greases, not made in petroleum refineries.*

Group 7.—PRODUCTS OF PETROLEUM AND COAL.

Fuel, manufactured.—Before preparation of 1929 report title changed to *Fuel, briquettes and boulets.* At census for 1931 title further changed to *Fuel: Briquettes.*

Group 8.—RUBBER PRODUCTS.

No changes in industries.

Group 9.—LEATHER AND ITS MANUFACTURES.

No changes in industries.

Group 10.—STONE, CLAY, AND GLASS PRODUCTS.

Abrasive wheels, stones, paper, and cloth, and related products.—New classification. This classification is a combination of classifications *Emery wheels and other abrasive and polishing appliances; Hones, whetstones, and similar products; and Sandpaper, emery paper, and other abrasive paper and cloth.*

Asbestos products, other than steam packing or pipe and boiler covering.—Title changed to *Asbestos products, other than steam packing and pipe and boiler covering.*

Group 10.—STONE, CLAY, AND GLASS PRODUCTS—Continued.

Crucibles.—Abandoned as a separate industry classification; combined with *Clay products (other than pottery) and nonclay refractories.*

Emery wheels and other abrasive and polishing appliances.—Abandoned as a separate industry classification; combined with *Hones, whetstones, and similar products and Sandpaper, emery paper, and other abrasive paper and cloth* to form new classification *Abrasive wheels, stones, paper, and cloth, and related products.*

Glass cutting, staining, and ornamenting.—Prior to preparation of 1929 report title changed to *Glass products (except mirrors) made from purchased glass.* At census for 1931 combined with *Mirrors, framed and unframed* to form new classification *Mirrors and other glass products made of purchased glass.*

Grindstones, pulpstones, and millstones.—Abandoned before preparation of 1929 report. The establishments in this industry were considered as engaged chiefly in quarrying operations.

Hones, whetstones, and similar products.—Abandoned as a separate industry classification; combined with *Emery wheels and other abrasive and polishing appliances, and Sandpaper, emery paper, and other abrasive paper and cloth* to form new classification *Abrasive wheels, stones, paper, and cloth, and related products.*

Mirrors and other glass products made of purchased glass.—See *Glass cutting, staining and ornamenting and Mirrors, framed and unframed.*

Mirrors, framed and unframed.—Title changed to *Mirrors and other glass products made of purchased glass.* This classification covers establishments formerly assigned to abandoned classification *Glass products (except mirrors) made from purchased glass.*

Statuary and art goods, factory product.—Title changed to *Statuary and art goods (except concrete), factory production.*

Wall plaster, wall board, and floor composition.—Before preparation of 1929 report title changed to *Wall plaster, wall board, insulating board, and floor composition.*

Group 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY

Blast furnaces.—See *Iron and steel: Blast furnaces.*

Bolts, nuts, washers, and rivets, not made in rolling mills.—Prior to preparation of report for 1929 title changed to *Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.*

Cast-iron pipe.—Title changed to *Cast-iron pipe and fittings.*

Doors, shutters, and window sash and frames, metal.—Title changed to *Doors, shutters, and window sash and frames, molding, and trim, metal.*

Forgings, iron and steel, not made in steel works or rolling mills.—Before preparation of report for 1929 title changed to *Forgings, iron and steel, not made in plants operated in connection with steel works or rolling mills.*

Galvanizing and other coating not done in rolling mills.—Prior to preparation of 1929 report title changed to *Galvanizing and other coating, not done in plants operated in connection with rolling mills.*

Iron and steel: Blast furnaces.—Title changed to *Blast furnaces.*

Iron and steel, processed.—Abandoned as a separate industry classification; combined with *Foundry and machine-shop products, not elsewhere classified.*

Iron and steel: Steel works and rolling mills.—Title changed to *Steel works and rolling mills.*

Group 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY—Continued.

Nails, spikes, etc., not made in rolling mills or wire mills.—Title changed to *Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.*

Springs, steel, except wire, not made in rolling mills.—Title changed to *Springs, steel, except wire, not made in plants operated in connection with rolling mills.*

Steel works and rolling mills.—See *Iron and steel: Steel works and rolling mills.*

Steam fittings and steam and hot-water heating apparatus.—Title changed to *Steam and hot-water heating apparatus and steam fittings.*

Structural and ornamental iron and steel work, not made in rolling mills.—Prior to preparation of 1929 report title changed to *Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.* At the census for 1931 further changed to *Structural and ornamental metal work, not made in plants operated in connection with rolling mills.*

Wrought pipe, welded and heavy riveted, not made in rolling mills.—Prior to preparation of 1929 report title changed to *Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.*

Group 12.—NONFERROUS METALS AND THEIR PRODUCTS.

Clocks, clock movements, time-recording devices, and time stamps.—Title changed to *Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps.* This classification changed in order to combine the three classifications *Clocks, clock movements, time-recording devices, and time stamps*, *Watch and clock materials and parts, except watchcases*, and *Watches and watch movements*.

Gas and electric fixtures; lamps, lanterns, and reflectors.—Title changed to *Lighting equipment.*

Jewelers' findings and materials.—New industry classification.

Lighting equipment.—New title for classification formerly *Gas and electric fixtures; lamps, lanterns, and reflectors.*

Nonferrous-metal alloys and products.—Prior to preparation of report for 1929 title changed to *Nonferrous-metal alloys and products, not including aluminum products.*

Plated ware.—Abandoned as separate industry classification; combined with *Silversmithing and silverware* to form new industry classification *Silverware and plated ware.*

Silverware and plated ware.—This industry classification covers classifications *Plated ware* and *Silversmithing and silverware*, formerly separate.

Silversmithing and silverware.—Abandoned as separate industry classification; combined with *Plated ware* to form new industry classification *Silverware and plated ware.*

Watch and clock materials and parts, except watchcases.—Abandoned as separate industry classification; combined with classifications *Clocks, clock movements, time-recording devices, and time stamps* and *Watches and watch movements* to form new classification *Clocks, watches, and materials and parts, except watchcases; time-recording devices, and time stamps.*

Watches and watch movements.—Abandoned as a separate industry classification; combined with *Clocks, clock movements, time-recording devices, and time stamps* and *Watch and clock materials and parts, except watchcases* to form new classification *Clocks, watches, and materials and parts, except watchcases; time-recording devices, and time stamps.*

Group 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT

Engines, turbines, tractors, and water wheels.—Title changed to *Engines, turbines, tractors, water wheels, and windmills.*

Gas machines and gas and water meters.—Prior to preparation of the 1929 report, title changed to *Gas machines, gas meters, and water and other liquid meters.*

Machine-tool accessories and small metal-working tools.—This classification was established after the publication of "Industry Classifications for the Census of Manufactures, 1929" and appears in the 1929 report. At the census for 1931 title changed to *Machine-tool accessories and machinists' precision tools and instruments.*

Metal-working machinery, other than machine tools.—Abandoned prior to preparation of 1929 report; establishments formerly classified in this industry included in *Foundry and machine-shop products, not elsewhere classified.*

Radio apparatus and phonographs.—New classification established at census for 1931. Establishments formerly classified in *Electrical machinery, apparatus, and supplies, and Phonographs.*

Sewing machines, cases, and attachments.—Prior to preparation of 1929 report this classification changed by exclusion of sewing-machine cases, cabinets, and tables, which are classified in *Furniture, including store and office fixtures.*

Windmills and windmill towers.—Abandoned as a separate industry classification; combined with *Engines, turbines, tractors, and water wheels* under new title *Engines, turbines, tractors, water wheels, and windmills.*

Woodworking machinery.—This classification appeared in "Industry Classifications for the Census of Manufactures, 1929" but was abandoned before preparation of report for 1929.

Group 14.—TRANSPORTATION EQUIPMENT, AIR, LAND, AND WATER.

Carriage, wagon, sleigh, and sled materials.—Title changed to *Carriage, wagon, sleigh, and sled materials, made for sale as such.*

Locomotives, not made in railroad repair shops.—Title changed to *Locomotives (other than electric), not made in railroad repair shops.*

Group 15.—RAILROAD REPAIR SHOPS.

No changes in industries.

Group 16.—MISCELLANEOUS INDUSTRIES.

Artificial limbs.—Prior to preparation of 1929 report combined with *Surgical appliances* under new title *Surgical and orthopedic appliances, including artificial limbs.* At census for 1931 title further changed to *Surgical and orthopedic appliances and related products.*

Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.—Abandoned as a separate industry classification. Establishments formerly classified in this industry included in *Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified; Flavoring extracts and flavoring sirups; Planing-mill products (including general millwork), not made in planing mills connected with saw mills; Tin cans and other tinware, not elsewhere classified; Wood turned and shaped and other wooden goods, not elsewhere classified.*

Dental goods and equipment.—Title changed to *Dentists' supplies and equipment, except instruments.*

Group 16.—MISCELLANEOUS INDUSTRIES—Continued.

Instruments, professional and scientific.—Title changed to *Instruments, professional and scientific, and gauges, except machinists' gauges.*

Paving materials, other than brick or granite.—Prior to preparation of 1929 report title changed to *Paving materials: Asphalt, tar, crushed slag, and mixtures.*

Phonographs.—Abandoned as a separate industry classification; included in new classification, *Radio apparatus and phonographs.*

Photographic apparatus and materials.—Title changed to *Photographic apparatus and materials and projection apparatus.*

Roofing materials, not including wood, slate, burnt tile, asbestos, or metal.—Prior to preparation of 1929 report title changed to *Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.*

Sandpaper, emery paper, and other abrasive paper and cloth.—Abandoned as a separate industry classification; combined with the abandoned industries *Emery wheels and other abrasive and polishing appliances* and *Hones, whetstones, and similar products* to form new classification *Abrasive wheels, stones, paper, and cloth, and related products.*

Steam and other packing, pipe and boiler covering, and gaskets, not made in textile mills.—Prior to preparation of 1929 report title changed to *Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.*

Surgical appliances.—Prior to preparation of 1929 report classification changed to cover artificial limbs and title changed to *Surgical and orthopedic appliances, including artificial limbs.* At census for 1931 title further changed to *Surgical and orthopedic appliances and related products.*

SPECIAL SCHEDULES

The following is a complete list of all special schedules used in the census for 1931:

Form No.	Form No.
1021. Abrasive wheels, stones, paper, and cloth, and related products.	113. Corn sirup, corn sugar, corn oil, and starch.
1302. Adding machines, calculating machines, and cash registers; scales and balances; typewriters and parts.	215. Corsets and allied garments.
1301. Agricultural implements.	216. Cotton goods and cotton small wares.
1401. Aircraft.	622. Cottonseed products.
1201. Aluminum manufactures.	1103. Cutlery and tools.
602. Ammunition, firearms, ordnance, and accessories.	1611. Dental goods and equipment.
1001. Asbestos products; steam and other packing and gaskets.	611. Druggists' preparations; patent and proprietary medicines and compounds (including insecticides and disinfectants); perfumes, cosmetics, and other toilet preparations.
102. Bakery products.	1677. Dyeing and cleaning establishments.
603. Baking powder and yeast.	1303. Electrical machinery and apparatus.
129. Beet sugar.	219. Embroideries.
101. Beverages.	1304. Engines, turbines, tractors, and water wheels.
302. Billard and pool tables, bowling alleys, and accessories.	624. Essential oils.
1110. Blast furnaces.	303. Excelsior.
1101. Bolts, nuts, washers, rivets, screws, and screw-machine products.	613. Explosives.
606. Bone black, carbon black, and lampblack.	1127. Fabricated wire products.
904. Boots and shoes, other than rubber.	614. Fertilizers.
1604. Brooms and brushes.	115. Flavoring extracts and flavoring sirups.
103. Butter; cheese; condensed and evaporated milk.	623. Flaxseed products.
1606. Buttons.	116. Flour and other grain-mill products; prepared feeds.
130. Cane-sugar manufacture.	1305. Foundry and machine-shop products.
131. Cane-sugar refining.	1615. Fur goods.
104. Canning and preserving: Fish and shellfish.	309. Furniture, store and office fixtures, and refrigerators.
105. Canning and preserving: Fruits and vegetables.	1306. Gas machines and gas and water meters.
1607. Carbon paper and inked ribbons.	703. Gas, manufactured.
1405. Cars, steam and electric railroad.	1008. Glass.
305. Caskets, coffins, and other morticians' goods.	224. Gloves and mittens.
1002. Cement.	616. Glue and gelatin.
608. Chemical manufactures.	617. Grease and tallow.
109. Chocolate and cocoa products.	1109. Hardware.
1004. Clay products and other refractories.	230. Hats: Wool-felt, fur-felt, straw, and other (except millinery).
609. Cleaning and polishing preparations.	1119. Heating and cooking equipment.
1202. Clocks and watches.	1404. Horse-drawn wagons, carriages, sleighs, and sleds.
110. Coffee and spice, roasting and grinding.	232. House-furnishing goods.
701. Coke.	1312. Household laundry machines; sewing machines.
610. Compressed and liquefied gases.	118. Ice cream.
1005. Concrete products.	119. Ice, manufactured.
112. Confectionery and chewing gum.	1620. Instruments, professional and scientific.
401. Converted paper products.	1210. Jewelry.
306. Cooperage.	234. Knit goods.
214. Cordage and twine, jute goods, and linen goods.	
307. Cork products.	

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| Form
No. | Form
No. |
| 235. Lace goods. | 1309. Pumps and pumping equipment. |
| 1208. Leaf and foil; collapsible tubes. | 1319. Radio apparatus and phonographs. |
| 901. Leather belting. | 1501. Railroad repair shops. |
| 907. Leather: Tanned, curried, and finished. | 629. Rayon and allied products. |
| 1207. Lighting equipment. | 1310. Refrigerating and ice-making apparatus. |
| 1013. Lime. | 127. Rice cleaning and polishing. |
| 201. Linoleum, felt-base floor covering, oilcloth, and artificial leather. | 1638. Roofing, built-up and roll; asphalt shingles; roof coatings, other than paints. |
| 1406. Locomotives. | 801. Rubber manufactures. |
| 311. { Logs, lumber, and other timber products—E. S. | 1018. Sand-lime brick. |
| { Logs, lumber, and other timber products—W. S. | 128. Sausage. |
| 121. Macaroni, spaghetti, and other alimentary pastes. | 1410. Shipbuilding. |
| 1307. Machine tools and accessories. | 213. Shirts and collars, men's. |
| 1014. Marble, granite, slate, and other stone products. | 903. Shoe findings. |
| 312. Matches. | 120. Shortenings, other than lard. |
| 1624. Mattresses and bed springs. | 1640. Signs and advertising novelties. |
| 123. Meat packing. | 244. Silk and rayon manufactures. |
| 208. Men's clothing. | 1213. Silverware and plated ware. |
| 239. Millinery. | 631. Soap. |
| 313. Mirror and picture frames. | 1642. Sporting and athletic goods, not including firearms or ammunition. |
| 1016. Mirrors and other glass products. | 1219. Stamped and enameled ware; metal stamping, enameling, japanning, etc. |
| 117. Miscellaneous food products. | 1118. Steel springs. |
| 906. Miscellaneous leather products. | 1112. Steel works and rolling mills. |
| 1626. Motion pictures. | 1122. Structural and ornamental metal work; metal doors, sash, and frames. |
| 1409. Motor cycles and bicycles. | 245. Suspenders, garters, and other elastic woven goods. |
| 1407. Motor-vehicle bodies and motor-vehicle parts. | 632. Tanning materials and natural dyestuffs. |
| 1408. Motor vehicles. | 1313. Textile machinery. |
| 1623. Musical instruments, parts, and materials. | 1123. Tin cans and other tinware. |
| 1113. Nails and spikes. | 1124. Tin plate and terneplate. |
| 1211. Needles, pins, and hooks and eyes. | 1608. Tobacco manufactures. |
| 1212. Nonferrous-metal alloys and products, not including aluminum products. | 1648. Toys and games; baby carriages; children's wheel goods and sleds; playground equipment. |
| 124. Oleomargarine and other margarines. | 246. Trimmings (not made in textile mills); stamped art goods for embroidery. |
| 1631. Optical goods. | 317. Turpentine and rosin. |
| 626. Paints and varnishes. | 1020. Wall plaster, wall board, insulating board, and floor composition. |
| 407. Paper. | 248. Waste. |
| 125. Peanuts, walnuts, and other nuts, processed or shelled. | 318. Window and door screens and weather strip. |
| 1634. Pens, fountain and stylographic; pen points; pencils. | 1126. Wire. |
| 705. Petroleum refining. | 210. Women's clothing. |
| 1636. Photographic apparatus and materials. | 653. Wood distillation and charcoal manufacture. |
| 1102. Pipe. | 301. Wooden boxes, crates, and baskets, and reed, rattan, and willow ware, not including furniture. |
| 314. Planing-mill products. | 319. Wood preserving. |
| 1114. Plumbers' supplies. | 320. Wood turned and shaped, wooden goods, and lasts. |
| 908. Pocketbooks, purses, and card-cases. | 267. Wool manufactures. |
| 126. Poultry killing, dressing, and packing, wholesale. | |
| 1676. Power laundries. | |
| 508. Printing and publishing, lithographing, and allied industries. | |
| 315. Pulp goods. | |
| 410. Pulp (wood and other fiber). | |

In some cases one special schedule is used for two or more industries. These schedules, together with the industries to which they relate, are listed below.

Special schedule used for two or more industries	Industries covered
Form No.	Industry No.
1302. Adding machines, calculating machines, and cash registers; scales and balances; typewriters and parts.....	{ 1302. Cash registers, adding machines, and calculating machines. 1311. Scales and balances. 1314. Typewriters and parts.
602. Ammunition, firearms, ordnance, and accessories.....	{ 602. Ammunition and related products. 1106. Firearms.
1001. Asbestos products; steam and other packing and gaskets.....	{ 1001. Asbestos products, other than steam packing and pipe and boiler covering. 1644. Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.
1101. Bolts, nuts, washers, rivets, screws, and screw-machine products.....	{ 1101. Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills. 1117. Screw-machine products and wood screws.
1604. Brooms and brushes.....	{ 1604. Brooms. 1605. Brushes, other than rubber.
103. Butter; cheese; condensed and evaporated milk.....	{ 103. Butter. 107. Cheese. 111. Condensed and evaporated milk.
105. Canning and preserving: Fruits and vegetables.....	{ 105. Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces. 132. Vinegar and cider.
1004. Clay products and other refractories.....	{ 1004. Clay products (other than pottery) and nonclay refractories. 1017. Pottery, including porcelain ware.
1202. Clocks and watches.....	{ 1202. Clocks, watches, and materials and parts, except watchcases; time-recording devices and time stamps. 1222. Watchcases.
112. Confectionery and chewing gum.....	{ 108. Chewing gum. 112. Confectionery.
401. Converted paper products.....	{ 401. Bags, paper, exclusive of those made in paper mills. 402. Boxes, paper, not elsewhere classified. 403. Cardboard, not made in paper mills. 404. Card cutting and designing. 405. Envelopes. 406. Labels and tags. 408. Paper goods, not elsewhere classified. 411. Wall paper.
214. Cordage and twine, jute goods, and linen goods.....	{ 214. Cordage and twine. 233. Jute goods. 236. Linen goods.

Special schedule used for two or more industries

Industries covered

Form No.	Industry No.
216. Cotton goods and cotton small wares.....	216. Cotton goods. 217. Cotton small wares.
1103. Cutlery and tools.....	1103. Cutlery (not including silver and plated cutlery) and edge tools. 1105. Files. 1116. Saws. 1125. Tools, not including edge tools, machine tools, files, or saws.
611. Druggists' preparations; patent and proprietary medicines and compounds (including insecticides and disinfectants); perfumes, cosmetics, and other toilet preparations.....	611. Druggists' preparations. 627. Patent or proprietary medicines and compounds. 628. Perfumes, cosmetics, and other toilet preparations.
116. Flour and other grain-mill products; prepared feeds.....	106. Cereal preparations. 114. Feeds, prepared, for animals and fowls. 116. Flour and other grain-mill products. 122. Malt.
309. Furniture, store and office fixtures, and refrigerators.....	309. Furniture, including store and office fixtures. 316. Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.
224. Gloves and mittens.....	224. Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics. 905. Gloves and mittens, leather.
230. Hats: Wool-felt, fur-felt, straw, and other (except millinery).....	228. Hats and caps, except felt and straw, men's. 229. Hats, fur-felt. 230. Hats, wool-felt. 1619. Hats, straw, men's.
1119. Heating and cooking equipment.....	1119. Steam and hot-water heating apparatus, and steam fittings 1121. Stoves and ranges (other than electric) and warm-air furnaces.
1312. Household laundry machines; sewing machines.....	1312. Sewing machines and attachments. 1315. Washing machines, wringers, driers, and ironing machines, for household use.
1208. Leaf and foil; collapsible tubes.....	1203. Collapsible tubes. 1208. Gold leaf and foil. 1220. Tin and other foils, not including gold foil.
201. Linoleum, felt-base floor covering, oilcloth, and artificial leather.....	201. Artificial leather. 202. Asphalted-felt-base floor covering. 237. Linoleum. 241. Oilcloth.
1307. Machine tools and accessories.....	1307. Machine tools. 1318. Machine-tool accessories and machinists' precision tools and instruments.

Special schedule used for two or more industries

Industries covered

Form No.	Industry No.
208. Men's clothing.....	{ 208. Clothing (except work clothing), men's, youths', and boys', not elsewhere classified. 211. Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's. 223. Furnishing goods, men's, not elsewhere classified. 226. Handkerchiefs.
1629. Musical instruments, parts, and materials.....	{ 1627. Musical-instrument parts and materials: Piano and organ. 1628. Musical instruments and parts and materials, not elsewhere classified. 1629. Musical instruments: Organs. 1630. Musical instruments: Pianos.
1212. Nonferrous-metal alloys and products, not including aluminum products.....	{ 1212. Nonferrous-metal alloys and products, not including aluminum products. 1215. Smelting and refining, copper. 1216. Smelting and refining, lead. 1217. Smelting and refining, metals other than gold, silver, or platinum, not from the ore. 1218. Smelting and refining, zinc.
1634. Pens, fountain and stylographic; pen points; pencils.....	{ 1633. Pencils, lead (including mechanical). 1634. Pens, fountain and stylographic; pen points, gold, steel, and brass.
1102. Pipe.....	{ 1102. Cast-iron pipe and fittings. 1128. Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.
508. Printing and publishing, lithographing, and allied industries.....	{ 501. Bookbinding and blank-book making. 504. Engraving, steel and copperplate, and plate printing. 506. Lithographing. 507. Photo-engraving, not done in printing establishments. 508. Printing and publishing, book and job. 509. Printing and publishing, music. 510. Printing and publishing, newspaper and periodical. 512. Stereotyping and electrotyping, not done in printing establishments.
1501. Railroad repair shops.....	{ 1501. Car and general construction and repairs, electric-railroad repair shops. 1502. Car and general construction and repairs, steam-railroad repair shops.
801. Rubber manufactures.....	{ 801. Boots and shoes, rubber. 802. Rubber goods other than tires, inner tubes, and boots and shoes. 803. Rubber tires and inner tubes.
213. Shirts and collars, men's.....	{ 213. Collars, men's. 243. Shirts.

Special schedule used for two or more industries

Industries covered

Form No.	Industry No.
1122. Structural and ornamental metal work; metal doors, sash, and frames-----	{ 1104. Doors, shutters, and window sash and frames, molding and trim, metal. 1122. Structural and ornamental metal work, not made in plants operated in connection with rolling mills.
1608. Tobacco manufactures-----	{ 1608. Cigars and cigarettes. 1647. Tobacco: Chewing and smoking, and snuff.
1648. Toys and games; baby carriages; children's wheel goods and sleds; playground equipment-----	{ 1403. Carriages and sleds, children's. 1648. Toys (not including children's wheel goods or sleds), games, and playground equipment.
301. Wooden boxes, crates, and baskets, and reed, rattan, and willow ware, not including furniture-----	{ 301. Baskets and rattan and willow ware, not including furniture. 303. Boxes, cigar, wooden. 304. Boxes, wooden, except cigar boxes.
320. Wood turned and shaped, wooden goods, and lasts-----	{ 310. Lasts and related products. 320. Wood turned and shaped and other wooden goods, not elsewhere classified.
207. Wool manufactures-----	{ 207. Carpets and rugs, wool, other than rag. 220. Felt goods, wool, hair, or jute. 249. Woolen goods. 252. Wool shoddy. 253. Worsted goods.





